

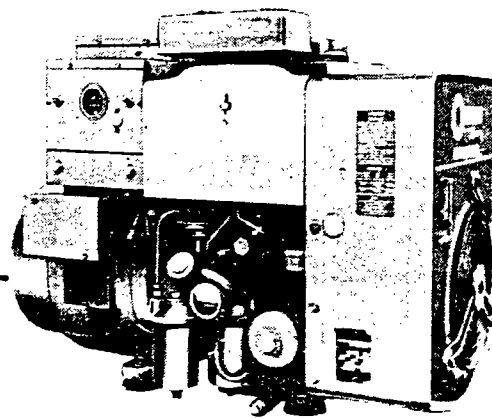
The following catalog
has gaps in its page
numbers, or doesn't
have any numbers.
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leave the page
numbering in the
order that Acrobat
assigns it.

Onan

**Parts
Manual**

DJB

GenSet



967-0221
10-88 (SPEC A-AC)
Replaces
7-78 (Spec A-AB)
Printed in U.S.A.

Supplement: 967-2002
Date: 9-94
Insert With-
Title: "J" Series Diesel
Parts Catalog Spec
Advance
Number: As Listed Below

This Supplementary Parts List Spec advances specific "J" series diesel generator sets as shown:

"J" Series Models	New Spec Advance Letter	Catalog Number
DJB Generator Spec AC to	D	967-0221
DJC Generator Spec AD to	E	967-0222
DJE Generator Spec AG to	H	967-0225
RDJC Generator Spec AD to	E	974-0221

Note that all models are being Spec advanced to a single letter due to limited computer space.

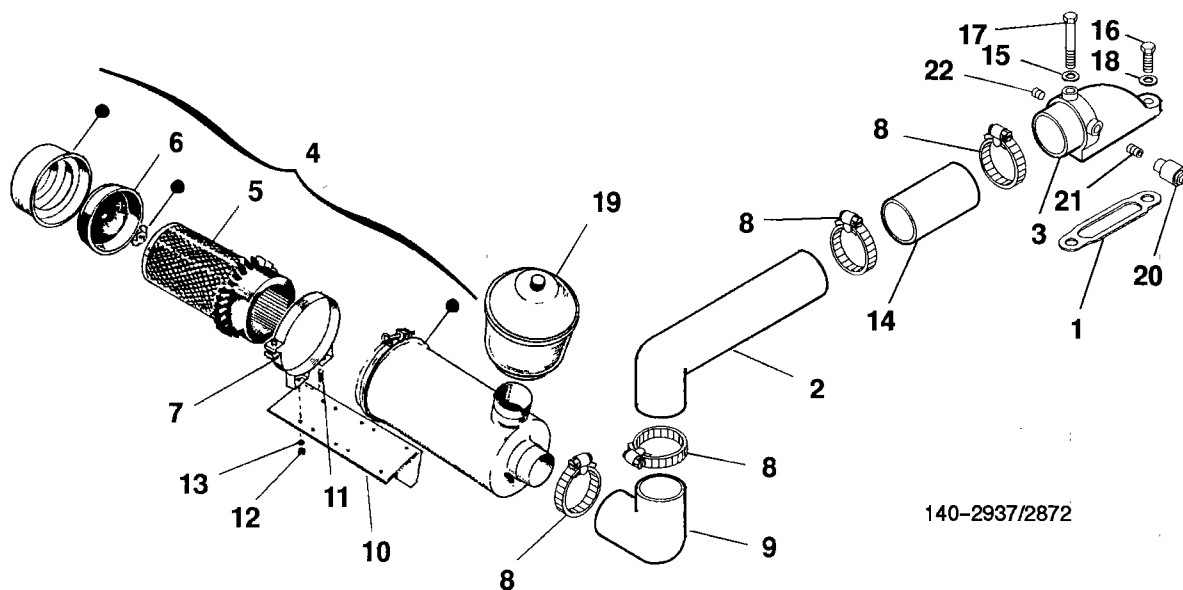
Model DJE was first manufactured in the double Spec letter AB and advanced through the alphabet (AB to AC, AC to AD, etc.) due to manufacturing changes using the double letter format to Spec AG and is now being advanced to the single Spec letter H as shown in the middle column above.

Models DJB, DJC and RDJC were first manufactured in the early 1960's beginning with the single Spec letter A. The Spec letters advanced through the alphabet (A to B, B to C.....Z to AA, AA to AB, etc.) due to manufacturing changes and are now advanced to a single Spec letter as shown in the middle column above. Use caution when ordering service replacement parts for the DJB, DJC and RDJC models. Do not confuse 1994 single letter production models with 1960's single letter production models. Example: When the parts catalog lists two part number choices based on Spec letter differences such as "Spec A through R" and "Begin Spec S", use the "Spec A through R" part number for 1960's single Spec letter production and the "Begin Spec S" part number for 1994 single Spec letter production. Example: When the parts catalog lists three part number choices based on Spec letter differences such as "Spec A through AA", "Spec AB" and "Begin Spec AC", use the "Spec A through AA" part number for 1960's single Spec letter production and the "Begin Spec AC" part number for 1994 single Spec letter production. The following may also be used as a guide: The 1960's production generator set nameplates used a number(s) and letter(s) combination (i.e.: 3CR, 4R, 18R, 53CR, 57XR, 518R, etc.) for the voltage code and is shown near the center of the complete model and Specification number (i.e.: 12.5RDJC-9XR/8066E). With the 1994 production generator set nameplates the voltage code is no longer used (i.e.: 12.5RDJC8066E). When in doubt, obtain the complete model and serial number and consult the factory.

This "J" series diesel supplement covers the change for the "J" series product line standardization program. Some low usage feature options were made obsolete and some high usage feature options were made standard. The following pages reflect these changes. Page headings list the model (s) that the changes apply to. Page headings with no model listed apply to all models.

In addition, the generator page for each catalog has an expanded parts list for the generator and rotor through studs that were not completely covered in prior issues of the parts catalogs.

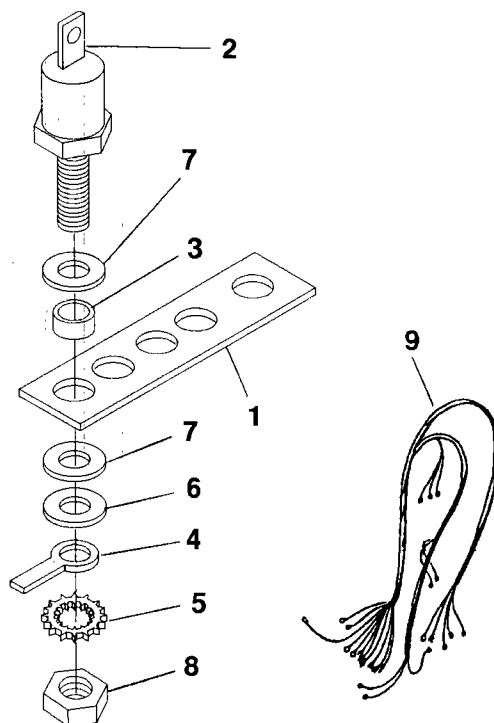
Air Cleaner Heavy Duty DJB, DJC, DJE



140-2937/2872

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-0584	1	Gasket	12	862-0015	4	Nut, Hex (5/16-18)
2	140-0741	1	Tube, Air Intake	13	850-0045	4	Washer, Lock - Spring (5/16")
	140-0740	1	DJB, DJE	14	503-0330	1	Hose, Connector
3			DJC	15	526-0018	1	Washer, Flat (1/4")
			Adapter, Air Cleaner	16	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
	140-0645	1	DJB, DJE	17	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
	140-1212-11	1	DJC	18	850-0040	1	Washer, Lock - Spring (1/4")
4	140-0721	1	Cleaner Assembly, Air (Includes Element and Baffle)	19	140-0723	1	Pre-Cleaner, Air Cleaner
5	140-0765	1	Element	20	140-0961	1	Indicator, Restriction - DJC
6	140-1267	1	Baffle	21	140-1260	1	Fitting, Mounting - Restriction Indicator - DJC
7	140-0722	2	Band, Air Cleaner Mounting	22	505-0008	1	Plug, Slotted (1/8") Air Cleaner Adapter - DJC
8	503-0365	4	Clamp, Hose				
9	503-0419	1	Elbow, Rubber - Moulded				
10	140-1271	1	Bracket, Mounting				
11	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1-1/2")				

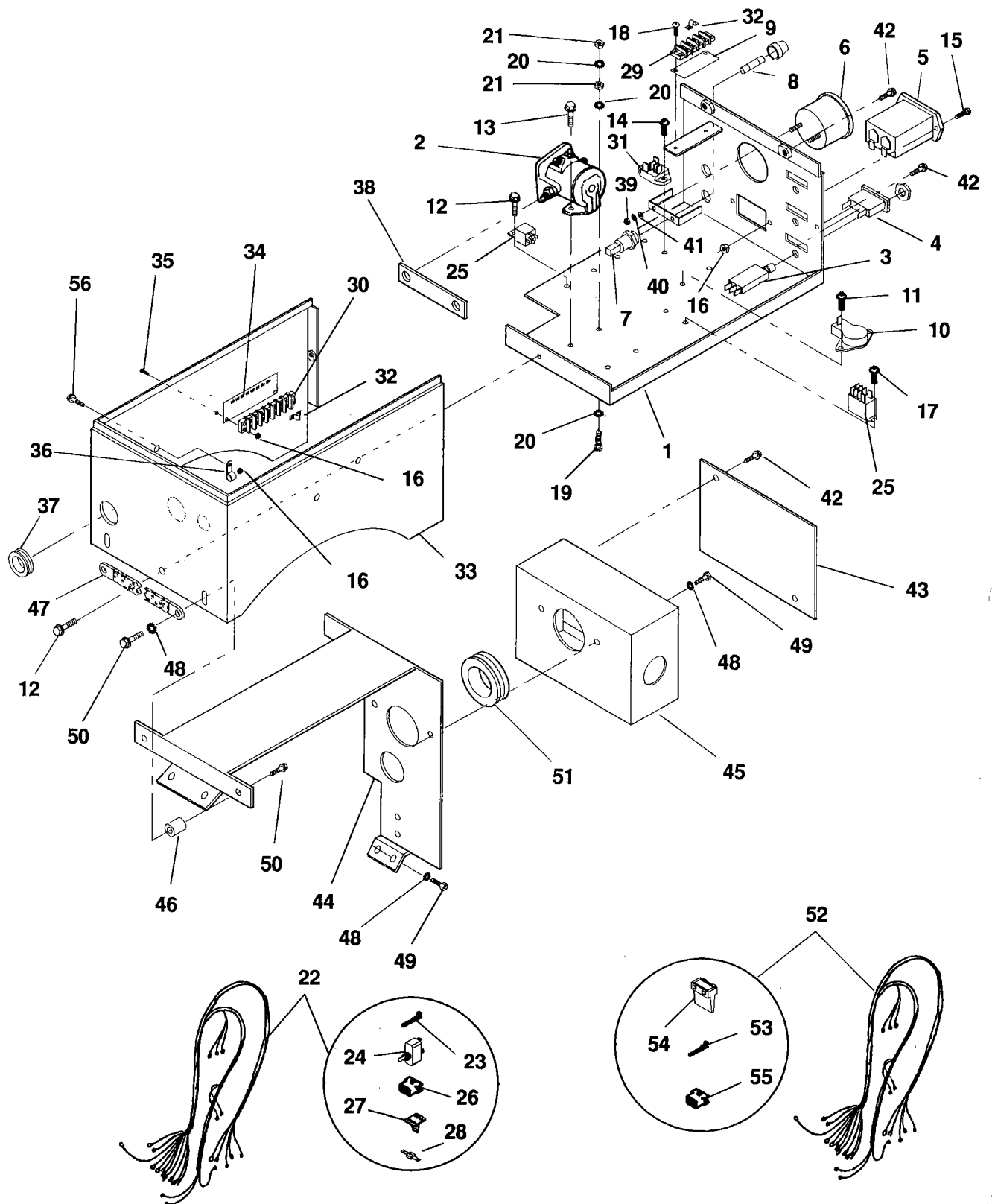
High Air Temperature Switch DJB, DJC, DJE



309-0644

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0195	1	Bracket, Mounting	5	856-0006	1	Washer, Lock - EIT (1/4")
2	309-0206	1	Switch, High Air Temperature (S5)	6	526-0021	1	Washer, Flat (1/4")
3	508-0127	1	Insulator, Sleeveing	7	508-0126	4	Washer, Insulating
4	332-0876	1	Terminal, Ground	8	862-0001	1	Nut, Hex (1/4-20)
				9	338-3197	1	Harness, Wiring - Switch (46")

Control DJB, DJC, DJE



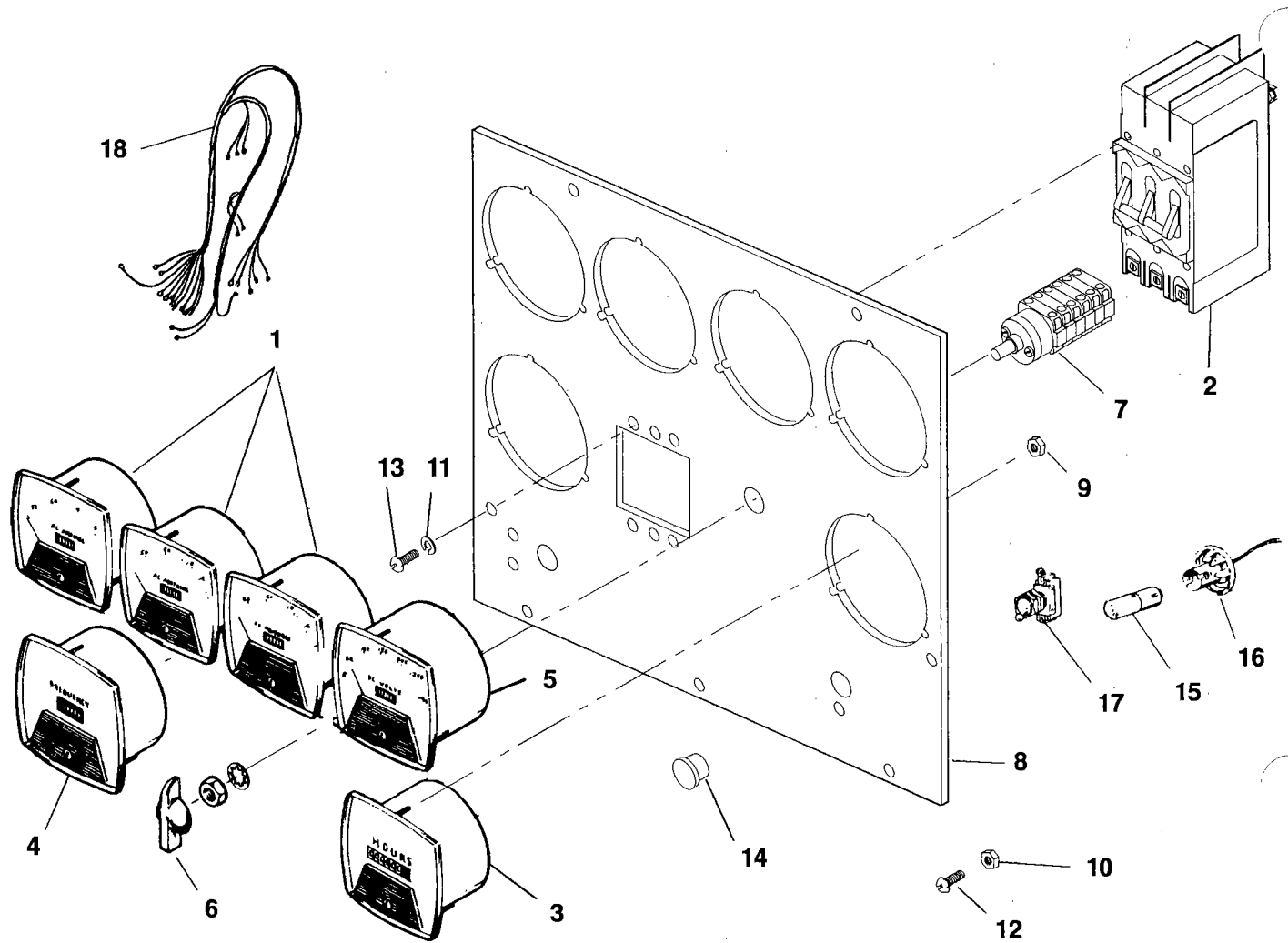
612-6641/6643

Control DJB, DJC, DJE

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Panel, Control	25			Relay
	319-2035-03	1	Without Indicator Lights		307-2817-01	3	*# K12, K14, K15 (Mounted on right side facing panel front)
	319-2035-04	1	With Indicator Lights		307-2594	1	# K17 (Sets With Indicator Lights) (Mounted on left side facing panel front)
2			Relay, Solenoid				
	307-0845	1	Start (K11)				
	307-1046	1	Pre-Heat (K13)				
3			Breaker, Circuit	26	323-1623	1	*#Connector, Plug (6 Place) (P1)
	320-1706-14	1	Without Indicator Lights (CB4)	27	323-1624	1	*#Wedge, Connector (Used in P1)
	320-1824-02	3	With Indicator Lights (CB4,5,6)	28	357-0030	1	*#Rectifier (6 Amp) (CR12)
4			Light, Indicator	29	332-0604	1	*#Block, Terminal (5 Place) (TB11)
	322-0108	1	Low Oil Pressure (DS4)	30	332-0706	1	#&Block, Terminal (8 Place) (TB13)
	322-0109	1	High Engine Temp (DS5)	31	305-0880	1	#&Rectifier, Bridge - 20 Amp (CR7)
	322-0111	1	Overspeed (DS6)	32			Jumper - Terminal Block
5	302-0885	1	Meter, Time Totalizing (M12)		332-1043	1	* Sets Without Indicator Lights
6	302-0446	1	Ammeter, DC (M21)		332-1043	2	# Sets With Indicator Lights
7	321-0175	1	Holder, Fuse	33	301-1962	1	Box, Control
8	321-0146	1	Fuse - 10 Amp (F1)	34	332-3223	1	&Strip, Marker
9	332-0616	1	Strip, Marker	35	812-0065	2	&Screw, Machine - Round Head (#6-32 x 5/8")
10	309-0270	1	&Thermostat (S8)	36	332-0052	1	Clip, Wire
11	518-0049	2	&Screw, Machine - Round Head W/ET (#8-32 x 1/4")	37	508-0001	1	Grommet
12	821-0004	4	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")	38	332-0602	1	Jumper, Solenoid
13	821-0008	3	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/16")	39	871-0010	4	Nut, Hex - Brass (#10-32)
14	815-0544	2	&Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x 1/2")	40	850-0030	2	Washer, Lock - Spring (#10)
15	815-0385	2	Screw, Machine - Round Head (#6-32 x 1/2")	41	526-0049	4	Washer, Flat (#10)
16			Nut, Hex - W/ET (#6-32)	42	821-0040	8	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")
	870-0183	3	Sets Without Indicator Lights	43			Cover, Output Box
	870-0183	5	Sets With Indicator Lights		301-2466	1	DJB, DJE
17	815-0550	2	&Screw, Pan Head - Cross Recessed W/ET (#6-32 x 3/8")		301-0856	1	DJC, DJE Contractor Models
18	815-0539	2	Screw, Machine - Round Head - Cross Recessed W/IT (#8-32 x 5/8")	44	301-3683	1	Saddle, Control Mounting
19	810-0153	1	Screw, Machine - Round Head - Brass (1/4-20 x 1")	45			Box, Output
20	856-0006	3	Washer, Lock - W/EIT (1/4")		301-2467	1	DJB, DJE
21	871-0016	2	Nut, Hex - Brass (1/4-20)		301-3682	1	DJC, DJE Contractor Models
22			Harness, Wiring - Control	46	402-0070	4	Dampner, Vibration
	338-2921-02	1	Sets Without Indicator Lights (Includes Parts Marked *)	47	337-0036	1	Strap, Ground
	338-2922-02	1	Sets With Indicator Lights (Includes Parts Marked #)	48	856-0008	7	Washer, Lock - EIT (5/16")
23	323-1492	6	*#Socket, Contact (Used in P1)	49	815-0236	6	Screw, Hex Head - Thread Forming (5/16-18 x 5/8")
24			Switch, Toggle	50	821-0014	8	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")
	308-0345	1	* Start/Stop (S11)	51	508-0183	1	Grommet
	308-0037	1	* Pre-Heat (S13)	52			Harness, Wiring - Engine to Control (Includes Parts Marked @)
			Sets With Indicator Lights		338-2942	1	DJB, DJE
	308-0329	1	# Start/Stop/Test (S11)		338-2943	1	DJC
	308-0037	1	# Pre-Heat (S13)	53	323-1491	6	@ Pin, Contact (Used in J1)
				54	323-1626	1	@Wedge, Connector (Used in J1)
				55	323-1625	1	@Connector, Receptacle (J1)
				56	812-0065	1	Screw, Machine - Round Head (#6-32 x 5/8")

& - Parts Used on Sets With Indicator Lights
 * - Parts Included in 338-2921-02 Control Wiring Harness
 # - Parts Included in 338-2922-02 Control Wiring Harness
 @ - Parts Included in 338-2942 and 338-2943 Engine to Control Wiring Harnesses

AC Meter Panel **DJB, DJC, DJE**

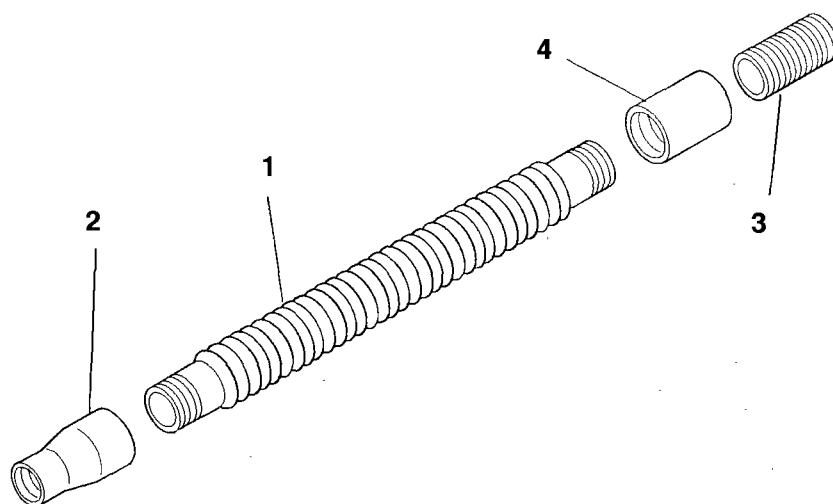


612-6638

AC Meter Panel DJB, DJC, DJE

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Ammeter, AC (Quantity Used: 2 for Sets With 2-Pole Break- ers, 3 for Sets With 3-Pole Breakers) (M3,M4 - Sets With 2-Pole Breakers, M2,M3,M4 - Sets With 3-Pole Breakers)	3			Meter, Time Totalizing (M1 - Sets With 2-Pole Breakers, M5 - Sets With 3-Pole Breakers)
	302-0460	1	Scale Reads 0-20		302-0468	1	Sets With 2-Pole Breakers 50 Hertz
	302-0418	1	Scale Reads 0-30		302-0465	1	60 Hertz
	302-0444	1	Scale Reads 0-35				Sets With 3-Pole Breakers 50 Hertz
	302-0419	1	Scale Reads 0-50		302-0468	1	Under 300 Volts AC
	302-0458	1	Scale Reads 0-80		302-0469	1	Over 300 Volts AC
2			Breaker, Circuit (CB1)				60 Hertz
			Two Pole Breakers		302-0465	1	Under 300 Volts AC
			50 Hertz		302-0466	1	Over 300 Volts AC
	320-1841-02	1	15 Amp	4			Meter, Frequency (M5 for Sets With 2-Pole Breakers, M6 for Sets With 3-Pole Breakers)
	320-1841-03	1	20 Amp		302-1338	1	Sets With 2-Pole Breakers
	320-1841-04	1	25 Amp				Sets With 3-Pole Breakers
	320-1841-05	1	30 Amp		302-1338	1	Under 300 Volts AC
	320-1841-08	1	45 Amp		302-1340	1	Over 300 Volts AC
	320-1841-12	1	65 Amp				Voltmeter, AC (M2 for Sets With 2-Pole Breakers, M1 for Sets With 3-Pole Breakers)
			60 Hertz	5			Scale Reads 0-300
	320-1841-03	1	20 Amp		302-0421	1	Scale Reads 0-500
	320-1841-04	1	25 Amp		302-0612	1	
	320-1841-05	1	30 Amp	6	303-0076	1	Knob, Rotary Switch
	320-1841-06	1	35 Amp	7	308-1021-02	1	Switch, Rotary (S1)
	320-1841-07	1	40 Amp	8			Panel, Meter
	320-1841-09	1	50 Amp		301-2288	1	Sets With 2-Pole Breakers
	320-1841-11	1	60 Amp		319-2233-02	1	Sets With 3-Pole Breakers
	320-1841-13	1	70 Amp				Nut, Hex - W/ET (#4-40)
			Three Pole Breakers	9			Sets With 2-Pole Breakers
			50 Hertz		870-1220	15	Sets With 3-Pole Breakers
			Under 300 Volts AC	10	870-0221	5	Nut, Hex - W/ET (#8-32)
	320-1827-03	1	20 Amp	11			Washer, Lock - Spring (#6)
	320-1827-04	1	25 Amp		850-0020	4	Sets With 2-Pole Breakers
	320-1827-06	1	35 Amp		850-0020	6	Sets With 3-Pole Breakers
	320-1827-07	1	40 Amp	12	812-0076	5	Screw, Maching - Round Head (#8-32 x 5/16")
	320-1827-09	1	50 Amp				Screw, Machine - Round Head (#6-32 x 3/8")
	320-1827-10	1	55 Amp	13			Sets With 2-Pole Breakers
			Over 300 Volts AC		812-0061	4	Sets With 3-Pole Breakers
	320-1827-01	1	10 Amp	14			Plug, Hole
	320-1827-02	1	15 Amp		517-0131	1	Fits 3/8" Hole
	320-1827-03	1	20 Amp		517-0132	1	Fits 7/16" Hole
	320-1827-04	1	25 Amp	15	322-0004	2	Bulb, Panel Light (DS1, DS2)
	320-1827-05	1	30 Amp	16	322-0072	2	Socket, Panel Light
	320-1827-08	1	45 Amp	17			Switch, Toggle
	320-1827-09	1	50 Amp		308-0002	1	Panel Light (S1)
	320-1827-11	1	60 Amp		308-0154	1	Start/Stop (S2)
			Over 300 Volts AC		308-0037	1	Manifold Heater (S3)
	320-1827-02	1	15 Amp	18			Harness, Wiring - Remote
	320-1827-03	1	20 Amp		338-0496	1	Control to Output Box (5 Wire, 36") (W1)
	320-1827-04	1	25 Amp		338-0939	1	Control to Start/Stop and Manifold Heater Switches (4 Wire, 50") (W2)
	320-1827-05	1	30 Amp				
	320-1827-06	1	35 Amp				

Exhaust

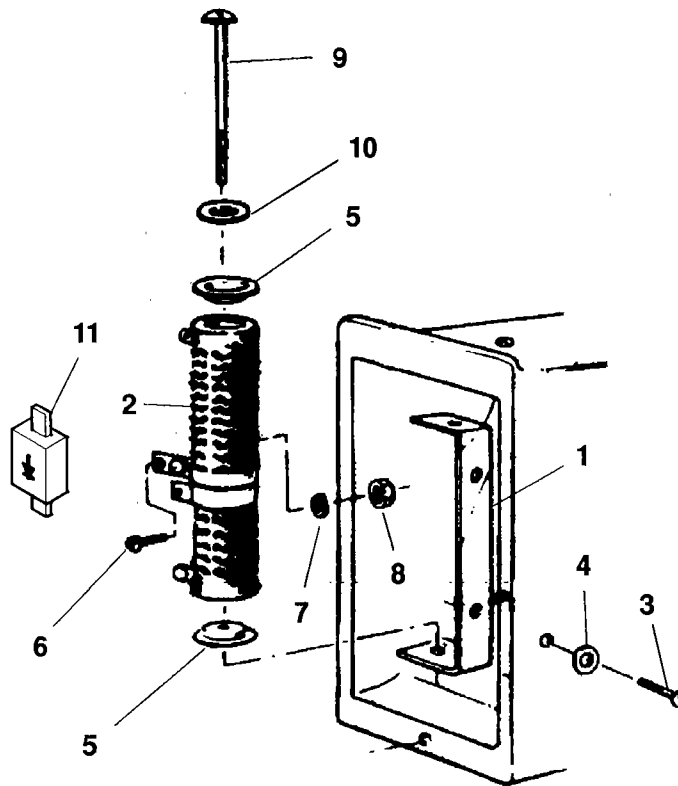


155-2838

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2355-13	1	Tube, Exhaust (18")
2	505-0036	1	Coupling, Reducer - Pipe (1-1/2" to 1-1/4")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	505-0177	1	Nipple, Close - Pipe (1-1/2")
4	505-0032	1	Coupling, Pipe (1-1/2")

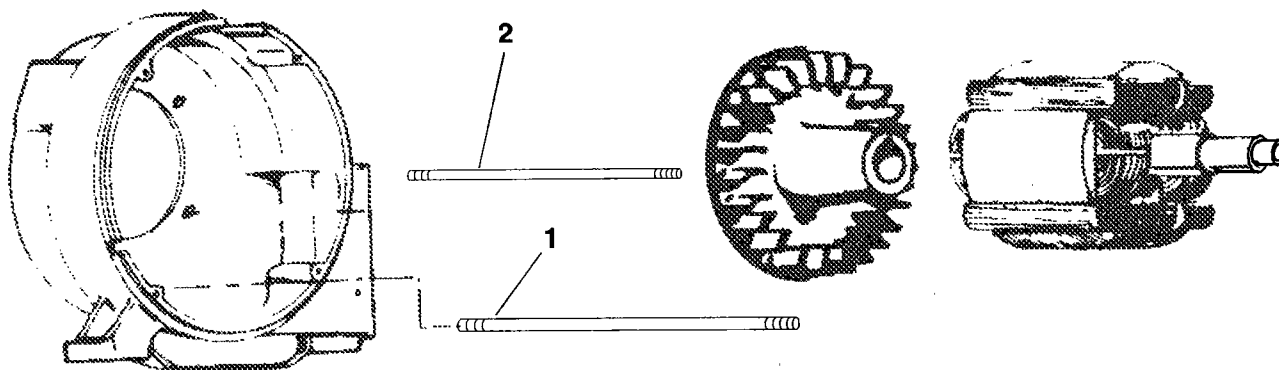
Resistor Generator Air Outlet



304-0824

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	232-2399	1	Bracket, Resistor Mounting	7	856-0003	1	Washer, Lock - EIT (#10)
2	304-0500	1	Resistor, Tapped - Adjustable (2 Ohm, 150 Watt)	8	871-0010	1	Nut, Hex - Brass (#10-32)
3	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8")	9	812-0169	1	Screw, Machine - Round Head (1/4-20 x 5-1/2")
4	850-0040	2	Washer, Lock - Spring (1/4")	10	853-0013	1	Washer, Lock - ET (1/4")
5	304-0006	2	Washer, Centering	11	357-0067	1	Rectifier (6 Amp, 400 Volt)
6	811-0098	1	Screw, Machine - Round Head (Brass) (#10-32 x 3/8")				

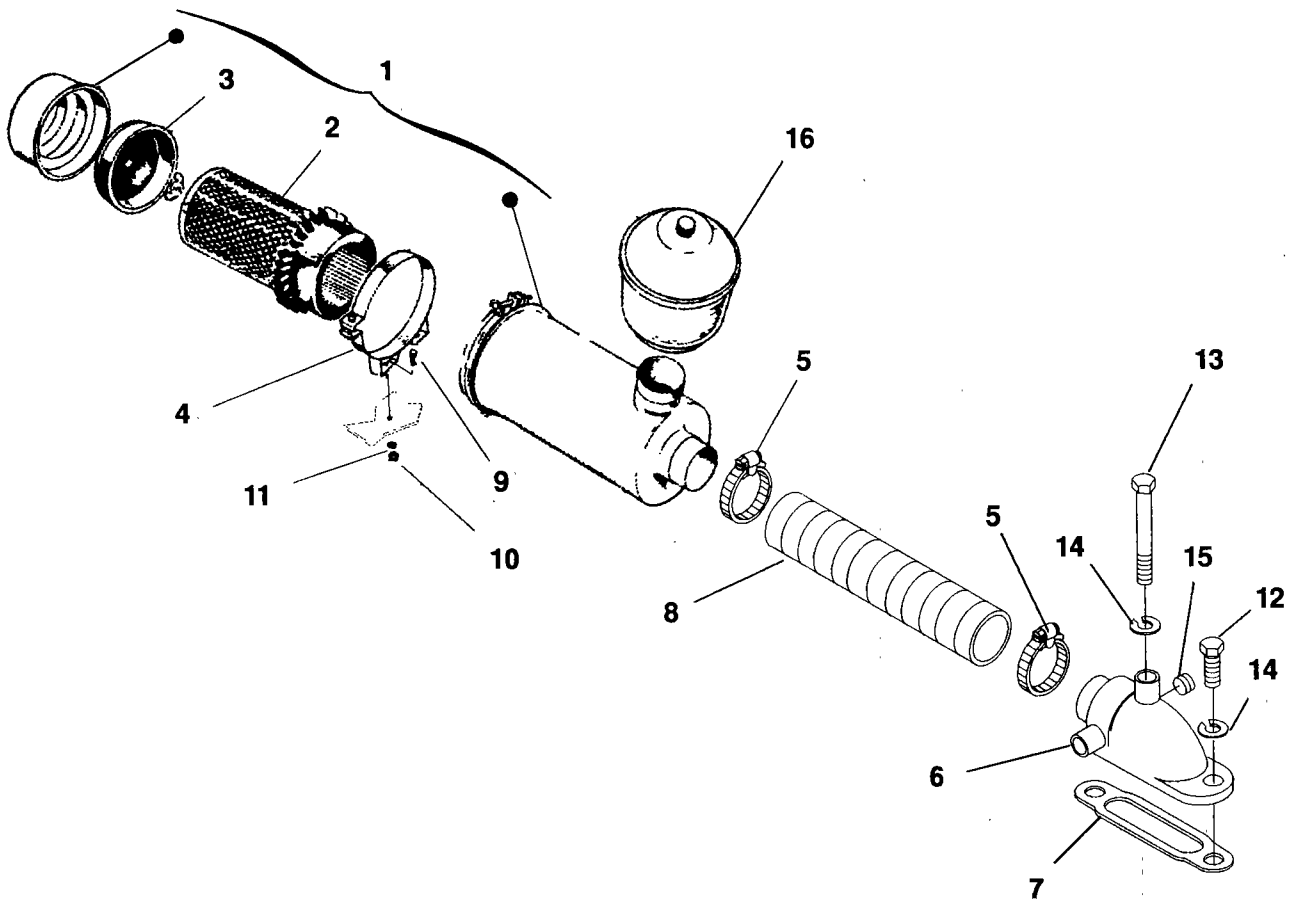
Generator
DJB, DJC, RDJC – Begin Spec AA
DJE – All Models



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Stud, Generator Through (3/8" Diameter)
			DJB, DJE
	520-0794	4	7-9/16" Long
	520-0795	4	8-1/4" Long
	520-0797	4	9-15/16" Long
			DJC
	520-0797	4	9-15/16" Long
	520-0798	4	10-5/8" Long
			RDJC
	520-0797	4	9-15/16" Long
	520-0798	4	10-5/8" Long
	520-0799	4	11-3/8" Long

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2			Stud, Rotor Through (7/16" Diameter)
			DJB, DJE
	520-0786	1	13-7/16" Long
	520-0787	1	14-1/8" Long
	520-0789	1	15-9/16" Long
			DJC
	520-0789	1	15-9/16" Long
	520-0790	1	16-1/4" Long
			RDJC
	520-0789	1	15-9/16" Long
	520-0790	1	16-1/4" Long
	520-0791	1	17" Long

Air Cleaner RDJC

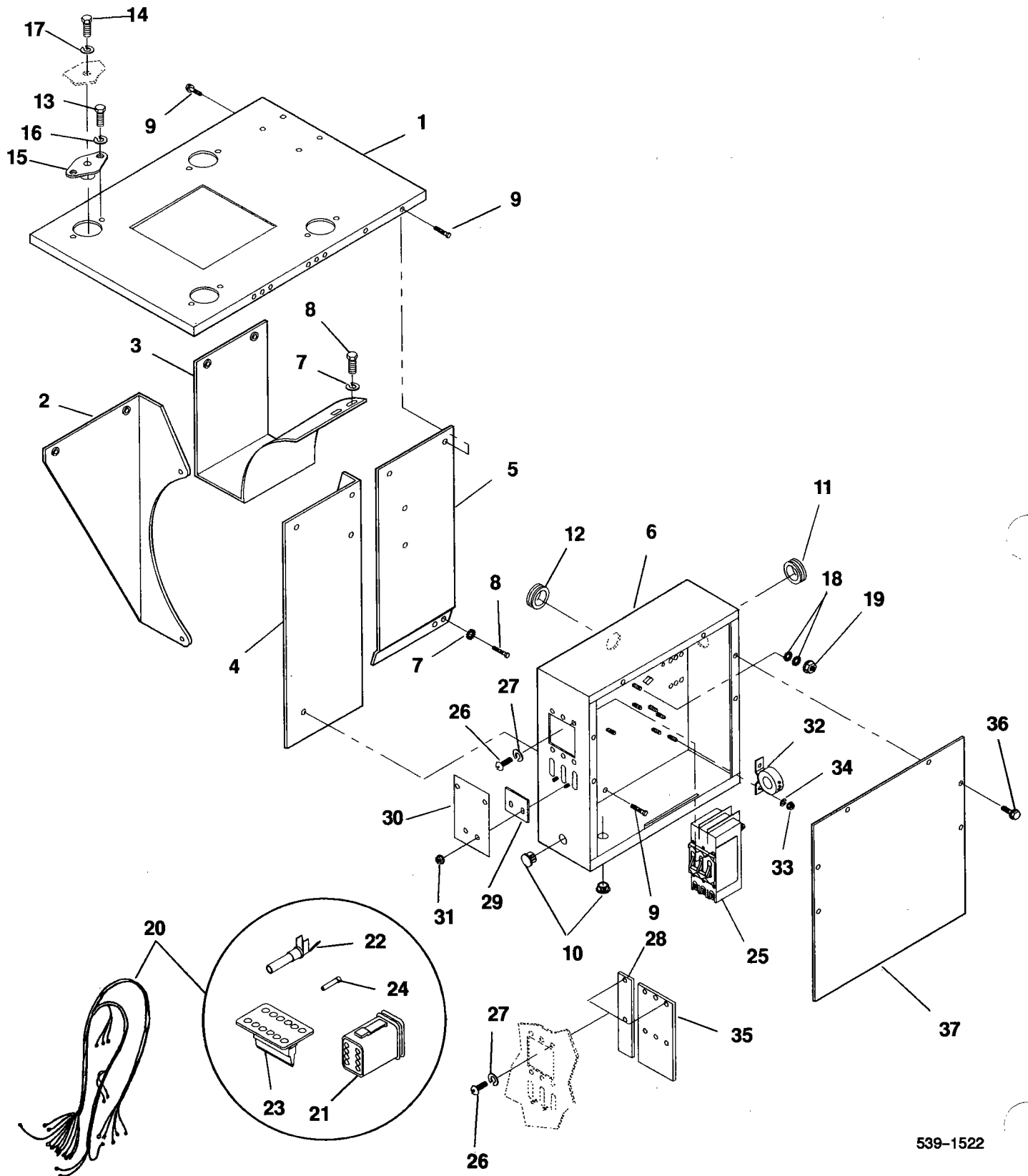


140-2856

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-0721	1	Cleaner Assembly, Air (Includes Element and Baffle)
2	140-0765	1	Element
3	140-1267	1	Baffle
4	140-0722	2	Band, Air Cleaner Mounting
5	503-1141	2	Clamp, Hose
6	140-1212-11	1	Adapter, Air Cleaner
7	140-0584	1	Gasket
8	503-0082	-	Hose, Air Cleaner - Bulk (2" ID) (Order by the foot - 2 feet required)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	800-6057	4	Screw, Cap - Hex Head (M8 x 20mm)
10	860-2058	4	Nut, Hex (M8)
11	850-2058	4	Washer, Lock - Spring (M8)
12	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
13	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
14	850-0040	2	Washer, Lock - Spring (1/4")
15	505-0008	2	Plug, Pipe - Slotted (1/8")
16	140-0723	1	Pre-Cleaner, Air Cleaner

Output Box RDJC



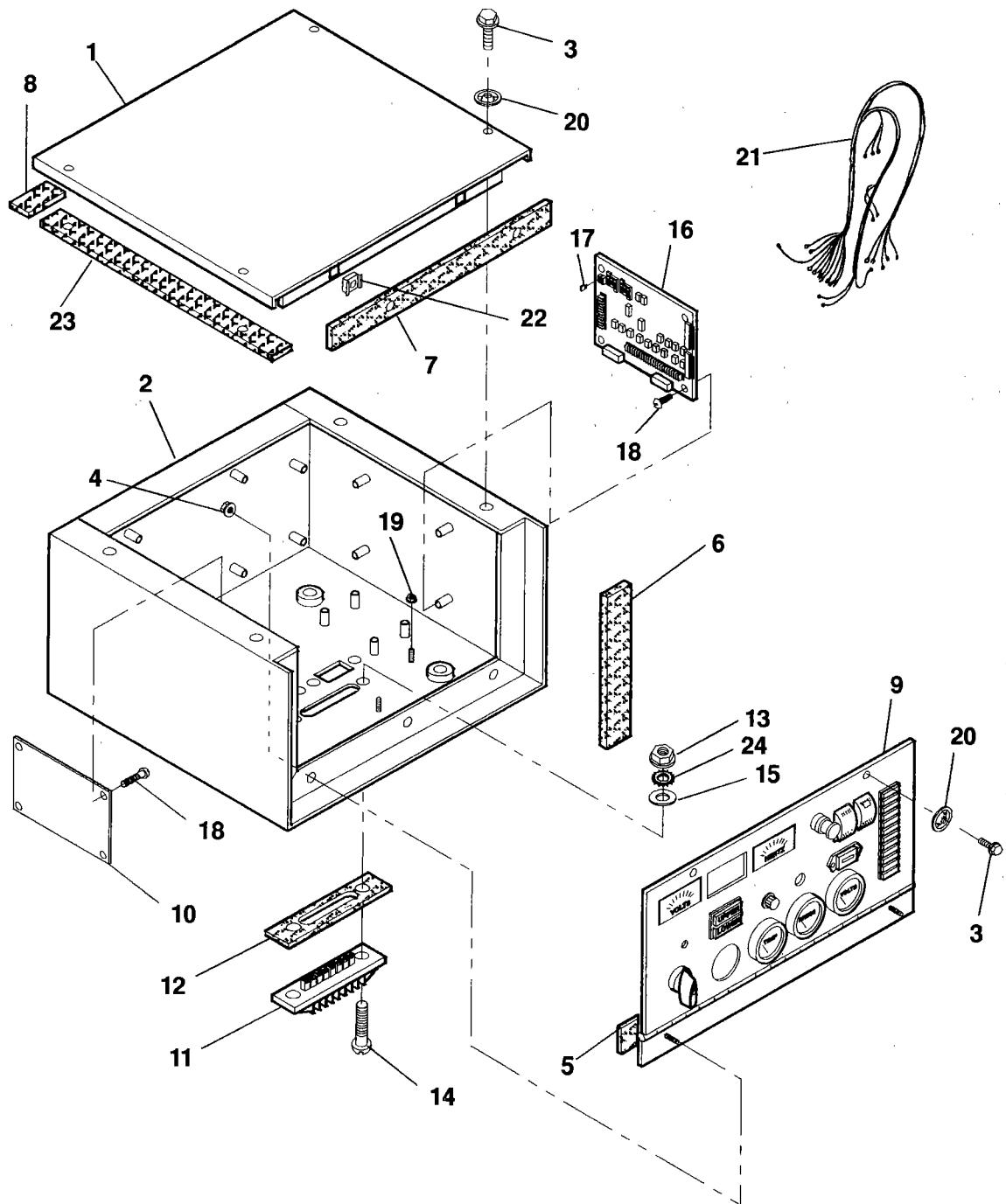
539-1522

Output Box RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2170	1	Bracket, Mounting - Top				Three Pole Breakers
2	319-2173	1	Support, Mounting - Right Side				480 Volt
3	319-2171	1	Bracket, Mounting - Right Side	320-1827-04	1		25 Amp
4	319-2175	1	Support, Mounting - Left Side	320-1827-05	1		30 Amp
5	319-2172	1	Bracket, Mounting - Left Side	320-1827-06	1		35 Amp
6	319-2174	1	Box, Output	320-1827-07	1		40 Amp
7	856-0008	4	Washer, Lock - EIT (5/16")	320-1827-08	1		45 Amp
8	815-0236	4	Screw, Hex Head - Thread Forming (5/16-18 x 5/8")	320-1827-09	1		50 Amp
9	815-0756	12	Screw, Flanged - Hex Head (M6 x 14mm)	320-1827-10	1		55 Amp
10	517-0137	2	Plug, Hole	320-1827-11	1		60 Amp
11	508-0051	1	Grommet (Fits 2" Hole)	320-1827-12	1		65 Amp
12	508-0117	1	Grommet (Fits 1-3/8" Hole)				600 Volt
13	800-3020	8	Screw, Cap - Hex Head - With Washer and Nylon Patch (M4 x 14mm)	320-1851-03	1		20 Amp
14	800-2060	4	Screw, Cap - Hex Head (M8 x 35mm)	320-1851-04	1		25 Amp
15	402-0666	4	Isolator, Vibration	26	812-0061	6	Screw, Machine - Round Head (#6-32 x 3/8")
16	850-0114-51	8	Washer, Lock - Spring (M4)	27	850-0020	6	Washer, Lock - Spring (#6)
17	850-0114-54	4	Washer, Lock - Spring (M8)	28	319-2185	1	Plate, Cover - Used With Two Pole Circuit Breakers
18	853-2006	2	Washer, Lock - EIT (M6)	29	319-2087	1	Cover, Circuit Breaker
19	860-2007	1	Nut, Hex (M6)	30	98-6803	1	Label - Blank (Used as a Hinge)
20	338-2990	1	Harness, Wiring - Output Box to Control (Includes Parts Marked *)	31	821-2032	2	Nut, Self-Locking - Hex Washer Head (M6)
21	323-1634	1	*Connector, Plug (12 Place) (J21)	32			Transformer, Current (CT21, CT22, CT23)
22	323-1492	11	*Socket, Contact (Used in J21)		302-1984-02	3	Ratio 25/5
23	323-1583	1	*Wedge, Connector (Used in J21)		302-1984-03	3	Ratio 50/5
24	323-1591	1	*Plug, Connector (Used in J21)		302-1984-04	3	Ratio 75/5
25			Breaker, Circuit (CB21)		302-1984-05	3	Ratio 100/5
			Two Pole Breakers - 240 Volt	33	860-2057	6	Nut, Locking - Hex Flange (M6)
	320-1841-06	1	35 Amp	34	850-2056	6	Washer, Lock - Spring (M6)
	320-1841-07	1	40 Amp	35	319-2184	1	Plate, Cover - Generator Sets Without Circuit Breakers
	320-1841-08	1	45 Amp	36	815-0756	6	Screw, Flange Head (M6 x 14mm)
	320-1841-09	1	50 Amp	37	319-2169	1	Cover, Output Box
	320-1841-10	1	55 Amp				
	320-1841-11	1	60 Amp				
	320-1841-12	1	65 Amp				
	320-1841-13	1	70 Amp				
	320-1841-14	1	75 Amp				

* - Parts Included in 338-2990 Wiring Harness

Control RDJC

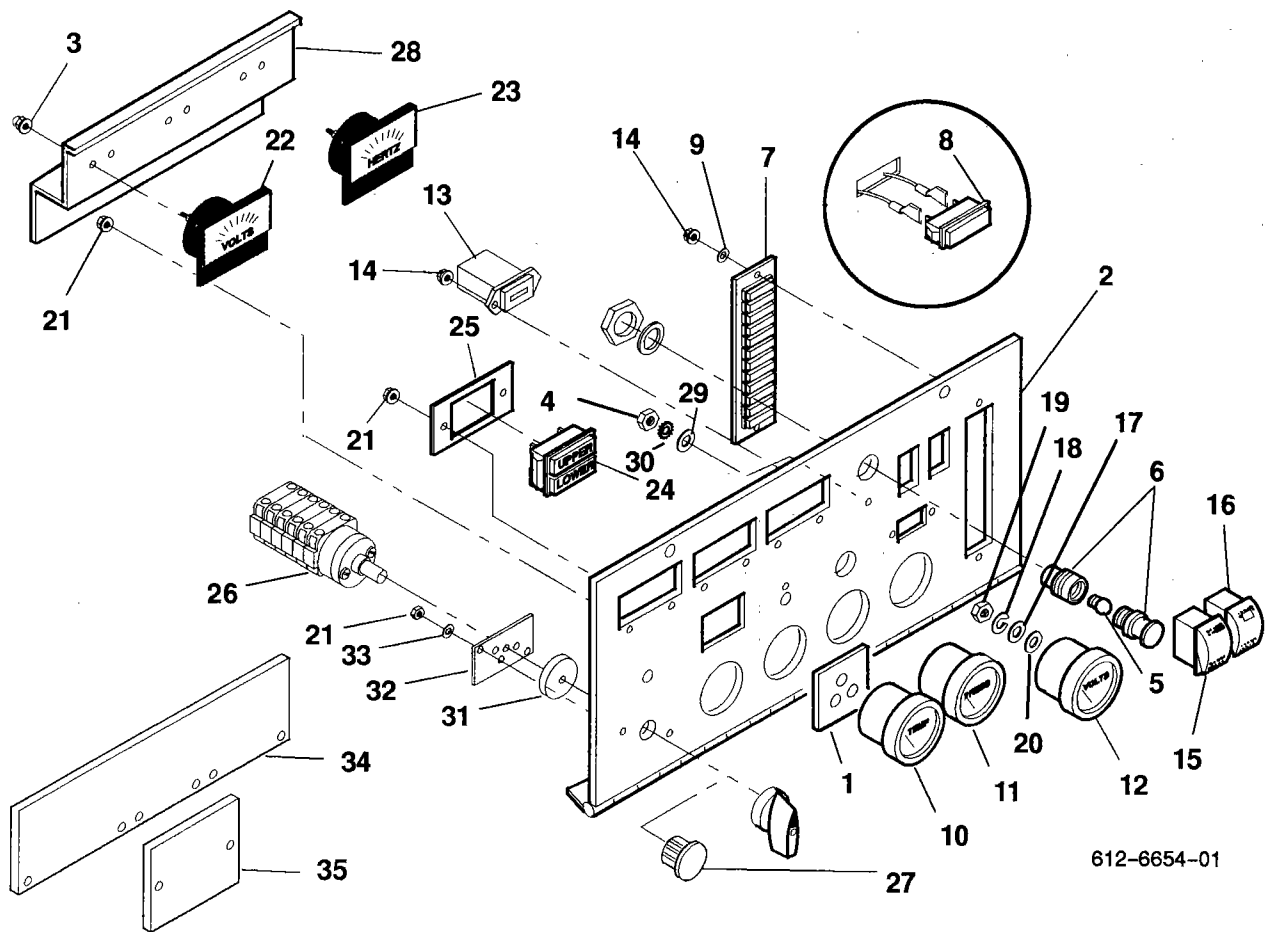


612-6654-01

Control RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2100-01	1	Cover, Control Box	16			Board, Printed Circuit - Engine Monitor (Includes Fuses) (A11)
2	319-2105	1	Box, Control		300-4294	1	Sets With 7 Light Control
3	800-2034-01	6	Screw, Cap - Hex Head (M6 x 20mm)		300-4296	1	Sets With 12 Light Control
4	870-2058	3	Nut, Hex - W/ET (M5)	17			Fuse
5	895-0337	1	Gasket, Foam - Hinge		321-0307-03	2	5 Amp (Tan) (F4,F5)
6	895-0336	2	Gasket, Foam - Sides		321-0307-06	1	15 Amp (Light Blue) (F3)
7	895-0338	1	Gasket, Foam - Top		321-0307-07	2	20 Amp (Yellow) (F1,F2)
8	895-0339	1	Gasket, Foam - Cover - Rear	18	815-0550	8	Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x 3/8")
9	-	1	Panel Assembly, Control (See Separate Page for Components)	19	870-0183	3	Nut, Hex - W/EIT (#6-32)
10	300-2898	1	Board, Printed Circuit - Time Delay - Start/Stop/Preheat (A15)	20	526-0422	6	Washer, Retainer - Nylon
11	332-3239	1	Block, Terminal - 8 Place (TB1)	21	-	2	Harness, Wiring - Control Panel, Engine to Control (See Separate Page for Components)
12	332-3244	1	Gasket, Terminal Block				
13	870-0131	2	Nut, Hex - W/ET (#10-32)	22	870-2195	2	Nut, Captive - Floating (M6)
14	813-0108	2	Screw, Machine - Round Head Slotted (#10-32 x 1-1/2")	23	895-0353	2	Gasket, Foam - Cover - Sides
15	526-0008	2	Washer, Flat (#10)	24	853-0008	2	Washer, Lock - ET (#10)

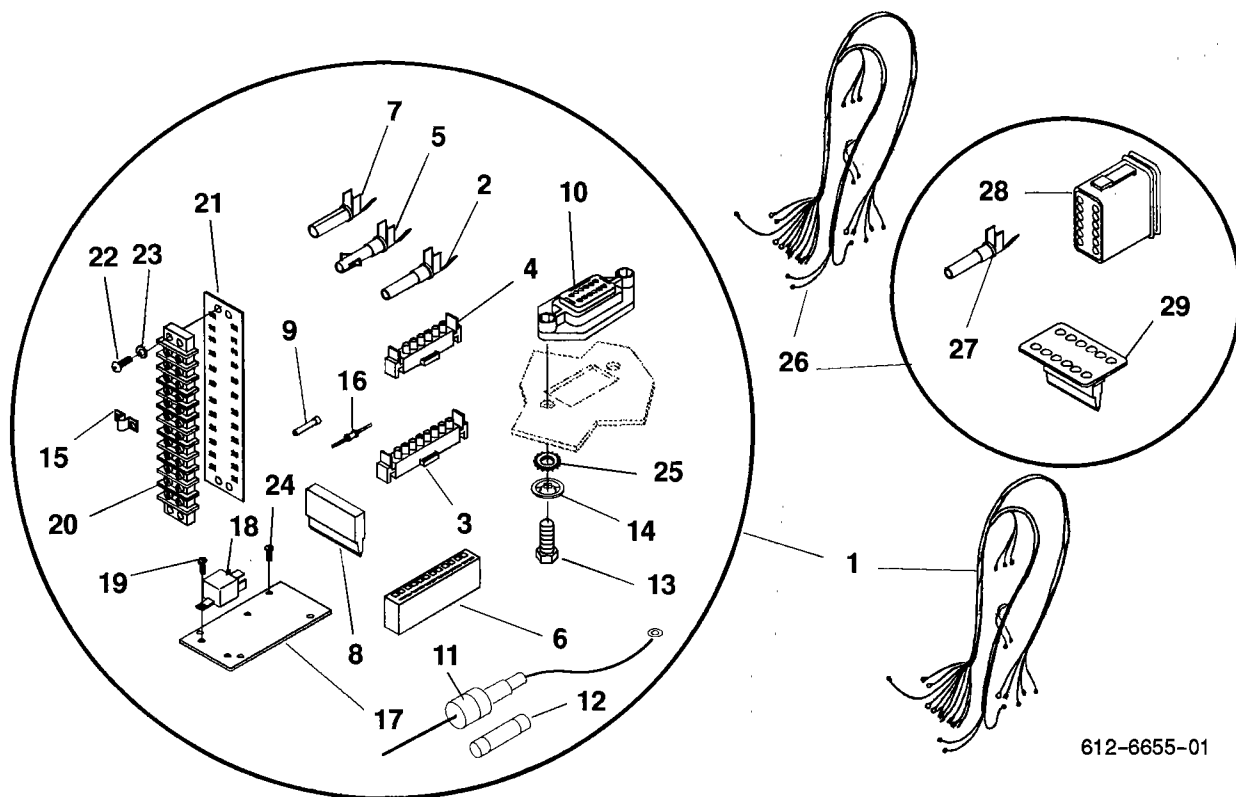
Control Panel Assembly RDJC



Control Panel Assembly RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-4323	1	Board, Printed Circuit - Water Temperature Gauge	19	871-0010	10	Nut, Hex - Brass (#10-32)
2	319-2491-02	1	Panel, Control	20	526-0409	8	Washer, Nylon
3	870-0439	6	Nut, Acorn (1/4-28)	21	870-1220	10	Nut, Hex - W/ET (#4-40)
4	870-0183	1	Nut, Hex - W/ET (#6-32)	22	302-1148	1	Voltmeter (M21)
5	322-0004	1	Bulb, Panel Light - Replacement	23	302-1968	1	Meter, Frequency (M23)
6	322-0361	1	Light, Panel (DS11)	24	322-0363	1	Light, Indicator - Upper/Lower Scale (DS21,DS22)
7			Light Assembly, Indicator (Includes Wiring Harness and Connector Housing) (A12)	25	319-2141	1	Bracket, Mounting - Indicator Light
	322-0359-01	1	7 Light Assembly	26	308-1052	1	Switch, Rotary - Voltmeter/Am-meter (Includes Knob) (S21)
	322-0360-01	1	12 Light Assembly	27	517-0311	1	Plug, Hole - Sets Without Rotary Switch
8	322-0369-01	1	Light, Indicator - Replacement	28	319-2144	1	Cover, Meter - Lexan
9	526-0196	2	Washer, Flat (7/32" ID x 7/16" OD x 1/8" Thk)	29	526-0002	1	Washer, Flat (#6)
10	193-0351	1	Gauge, Water Temperature (M12)	30	853-0005	1	Washer, Lock - ET (#8)
11	193-0352	1	Gauge, Oil Pressure (M11)	31	308-1056	1	Gasket, Switch
12	302-1641	1	Voltmeter (M13)	32	319-2490	1	Bracket, Mounting - Switch
13	302-0885	1	Meter, Time Totalizing (M14)	33	526-0196	2	Washer, Flat (7/32" ID x 7/16" OD x 1/8" Thk)
14	870-1220	4	Nut, Hex - W/ET (#4-40)	34	319-2143	1	Plate, Cover - AC Meter Openings - Sets Without AC Meters
15	308-1011	1	Switch, Rocker - Run/Stop/Remote (S12)	35	319-2142	1	Plate, Cover - Upper/Lower Scale Opening - Sets Without Upper/Lower Scale Indicator Lights
16	308-1010	1	Switch, Rocker - Lamp Test/Restart (S11)				
17	526-0049	13	Washer, Flat - Brass (#10)				
18	850-0030	5	Washer, Lock - Spring (#10) Voltmeter and Oil Pressure Gauge				

Wiring Harness RDJC

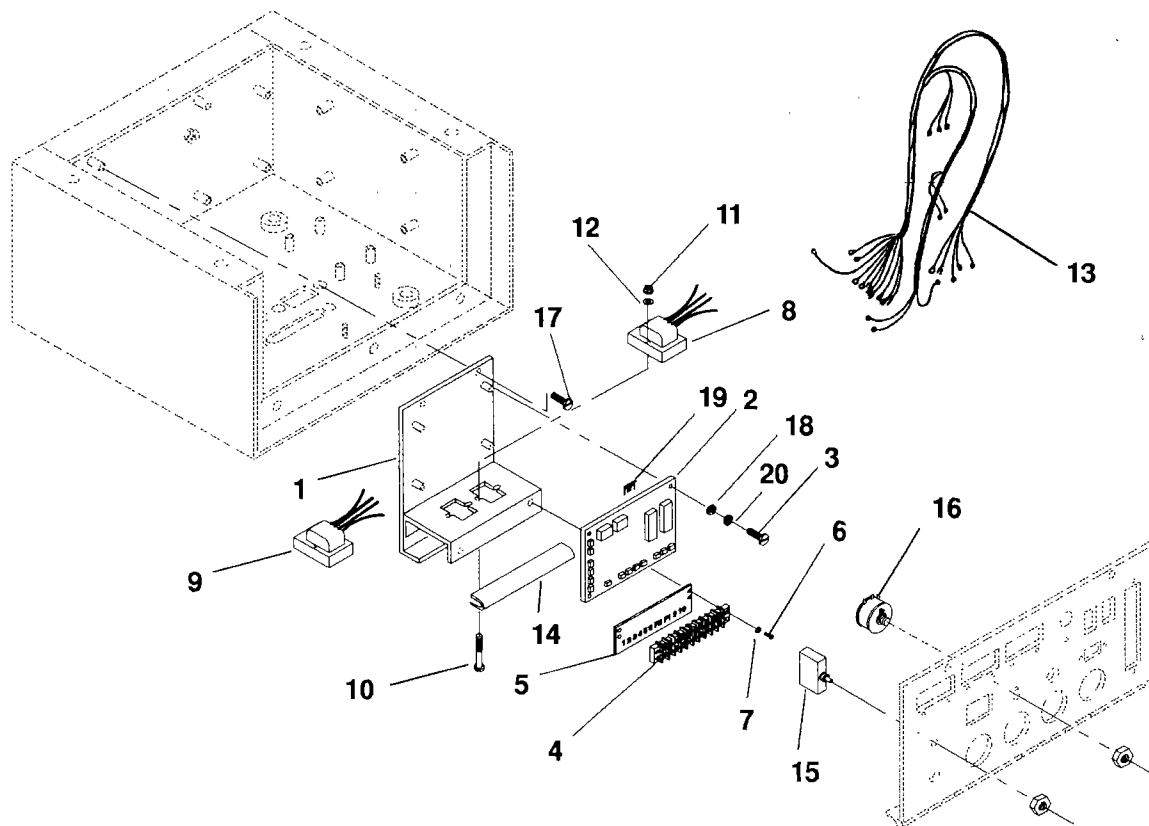


612-6655-01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Wiring - Control Panel (Includes Parts Marked *)	16	350-1222	1	Resistor (1.5k Ohms) (Used on TB21)
	338-2991-02	1	Sets Without AC Meters	17	319-2140	1	Plate, Relay Mounting
	338-2992-02	1	Sets With AC Meters	18	307-2817-01	3	Relay (K11,K12,K13)
2	323-1491	21	*Pin, Contact (Used in P1, P21)	19	821-0040	3	Screw, Locking - Slotted - Hex Flange Head (#10-32 x 5/16")
3	323-1306	1	*Housing, Connector - 8 Place (J1)	20	332-0607	1	Block, Terminal - 12 Place (TB21)
4	323-1304	2	*Housing, Connector - 6 Place (J1,J2)	21	332-2723	1	Strip, Marker
5	323-1200-01	15	*Socket, Contact (Used in J1,J2)	22	812-0028	2	Screw, Machine - Round Head (#4-40 x 5/16")
6	323-1308	1	*Housing, Connector - 12 Place (J4)	23	853-0003	2	Washer, Lock - W/ET (#4)
7			*Pin, Contact (Used in J4)	24	815-0550	4	Screw, Fillister Head - Cross Recessed W/IT (#6-32 x 3/8")
	323-1302	11	Sets Without AC Meters	25	856-0006	1	Washer, Lock - Countersunk W/ET (1/4") (Used on Plug End of Ground Terminal of Engine Wiring Harness 338-2991-02)
	323-1302	8	Sets With AC Meters	26	338-3036	1	Harness, Wiring - Engine to Control (Includes Parts Marked #)
8	323-1581	2	*Wedge, Receptacle (Used in P1, P21)	27	323-1492	7	#Socket, Contact (Used in J1)
9	323-1591	3	*Plug, Connector (Used in P1, P21)	28	323-1582	1	#Plug, Connector - 12 Place (J1)
10			*Connector, Receptacle - 12 Place	29	323-1583	1	#Wedge, Plug (Used in J1)
	323-1633-01	1	Grey (P1)				
	323-1633-02	1	Black (P21)				
11	321-0330	1	*Holder Assembly, Fuse (Includes Fuse)				
12	321-0113	1	*Fuse - 30 Amp (F1)				
13	800-2033-01	4	Screw, Cap - Hex Head (M6 x 16mm)				
14	526-0422	4	Washer, Retainer - Nylon				
15	332-1043	1	Jumper (Used on TB21)				

* - Parts Included in Control Panel Wiring Harnesses
- Parts Included in 338-3036 Engine Wiring Harness

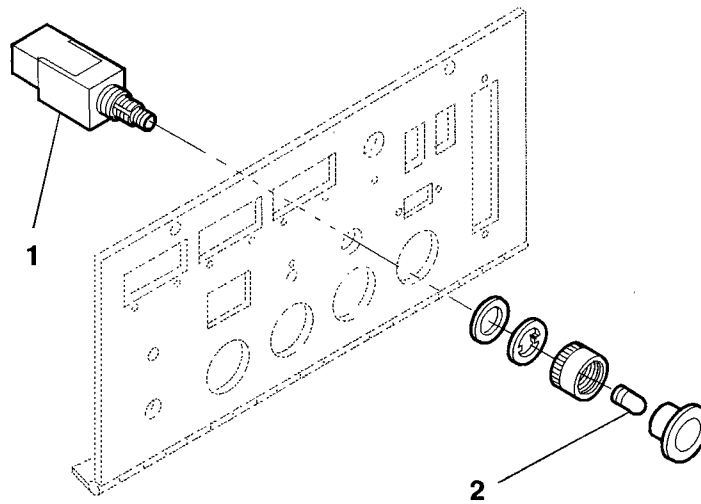
Voltage Regulator RDJC



300-4330-01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	305-0895	1	Plate, Mounting	11	870-0183	4	Nut, Hex - Locking - W/ET (#6-32)
2			Board, Printed Circuit - Voltage Regulator (VR21)	12	526-0002	4	Washer, Flat (#6)
	300-1540	1	Assembly With Visible Components	13			Harness, Wiring - Voltage Regulator (VRTB to VR21)
	305-0688	1	Assembly With Potted Components		338-3008	1	Used With 300-1540 Voltage Regulator Board (5 Wire)
3			Screw, Machine - Round Head		338-3006	1	Used With 305-0688 Voltage Regulator Board (7 Wire)
	812-0061	4	Used With 300-1540 Voltage Regulator Board (#6-32 x 3/8")	14	508-0139	-	Channel, Rubber - Bulk (Order by the foot - 1 foot required)
	812-0071	4	Used With 305-0688 Voltage Regulator Board (#6-32 x 1-1/2")	15	320-1121-01	1	Breaker, Circuit - 3 Amp (CB21)
4	332-0751	1	Block, Terminal (10 Place) (VRTB21)	16	303-0261	1	Potentiometer (R21)
5	332-3247	1	Strip, Marker (10 Place)	17	815-0428	2	Screw, Pan Head - W/ET (#10-32 x 3/8")
6	812-0082	2	Screw, Machine - Round Head (#8-32 x 3/4")	18	526-0002	4	Washer, Flat (#6) Used With 305-0688 Voltage Regulator Board
7	853-0005	2	Washer, Lock - ET (#8)	19	332-2605	1	Jumper - Used With 305-0688 Voltage Regulator Board
8	315-0386	1	Transformer, Voltage (T21)	20	853-0003	4	Washer, Lock - W/ET (#6) Used With 305-0688 Voltage Regulator Board
9	315-0391	1	Reactor (CMR21)				
10	812-0071	4	Screw, Machine - Round Head (#6-32 x 1-1/2")				

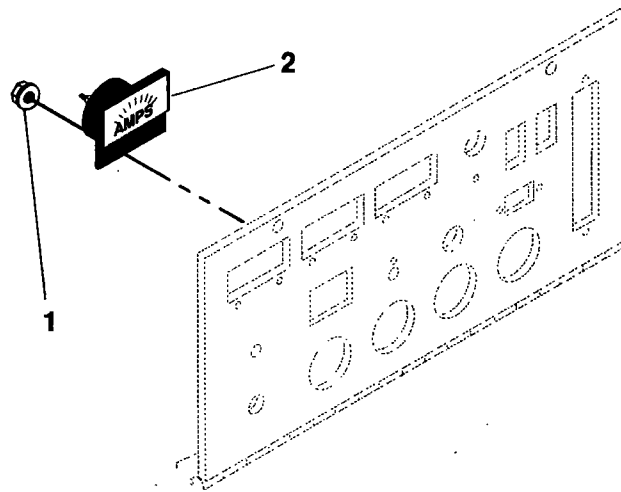
Emergency Stop Switch RDJC



300-4334

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-1026	1	Switch, Pushbutton – Emergency Stop (Includes Bulb) (S14)	2	322-0223	1	Bulb, Replacement

AC Ammeter RDJC



300-4333

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-1220	2	Nut, Hex - W/ET (#4-40)	2	302-1473	1	Ammeter (0-50/100) (M22)

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INTRODUCTION

This catalog applies to the standard DJB Generator Sets as listed in the Generator Set Data Table. The model designation shown began during 1969. Previously, the model designations did not use a decimal in the kW rating. (EXAMPLE: 4.5 DJB was formerly 405 DJB and 6.0 DJB was formerly 6 DJB.) Previously a V was used in the model to designate sets with Vacu-Flo Cooling and the C designation (3CR, 53CR, etc.) was not used in the models. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and left sides are determined by facing the engine end (front) of the set.

GENERATOR SET DATA TABLE

MODEL AND SPEC NO.	ELECTRICAL DATA				
	WATTS	VOLTS	HERTZ	WIRE	PHASE
4.5DJB-53CR/*	4,500	120/240	50	**	1
4.5DJB-54R/*	4,500	120/208	50	4	3
4.5DJB-54XR/*	4,500	277/480	50	4	3
4.5DJB-55DR/*	4,500	120/240	50	4	3
4.5DJB-57R/*	4,500	220/380	50	4	3
4.5DJB-59R/*	4,500	600	50	3	3
4.5DJB-59XR/*	4,500	347/600	50	4	3
4.5DJB-518R/*	4,500	★	50	12	3
6.0DJB-3CR/*	6,000	120/240	60	**	1
6.0DJB-4R/*	6,000	120/208	60	4	3
6.0DJB-4XR/*	6,000	277/480	60	4	3
6.0DJB-5DR/*	6,000	120/240	60	4	3
6.0DJB-7R/*	6,000	220/380	60	4	3
6.0DJB-9R/*	6,000	600	60	3	3
6.0DJB-9XR/*	6,000	347/600	60	4	3
6.0DJB-18R/*	6,000	★	60	12	3
6.0DJB-3CE/* (Formerly 6DJB-3E2236/*) 6.0 DJB-4E/* (Formerly 6DJB-4E2236/*)					
Contractor Models - See Special Parts List following Standard Parts List.					

* - The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letter(s). The specification number denotes customer requested options or deviations from a standard (1A, 1B,...1AA, 1AB, etc.) model. The specification letter advances (A to B, B to C...Z to AA, AA to AB, etc.) with major manufacturing changes.

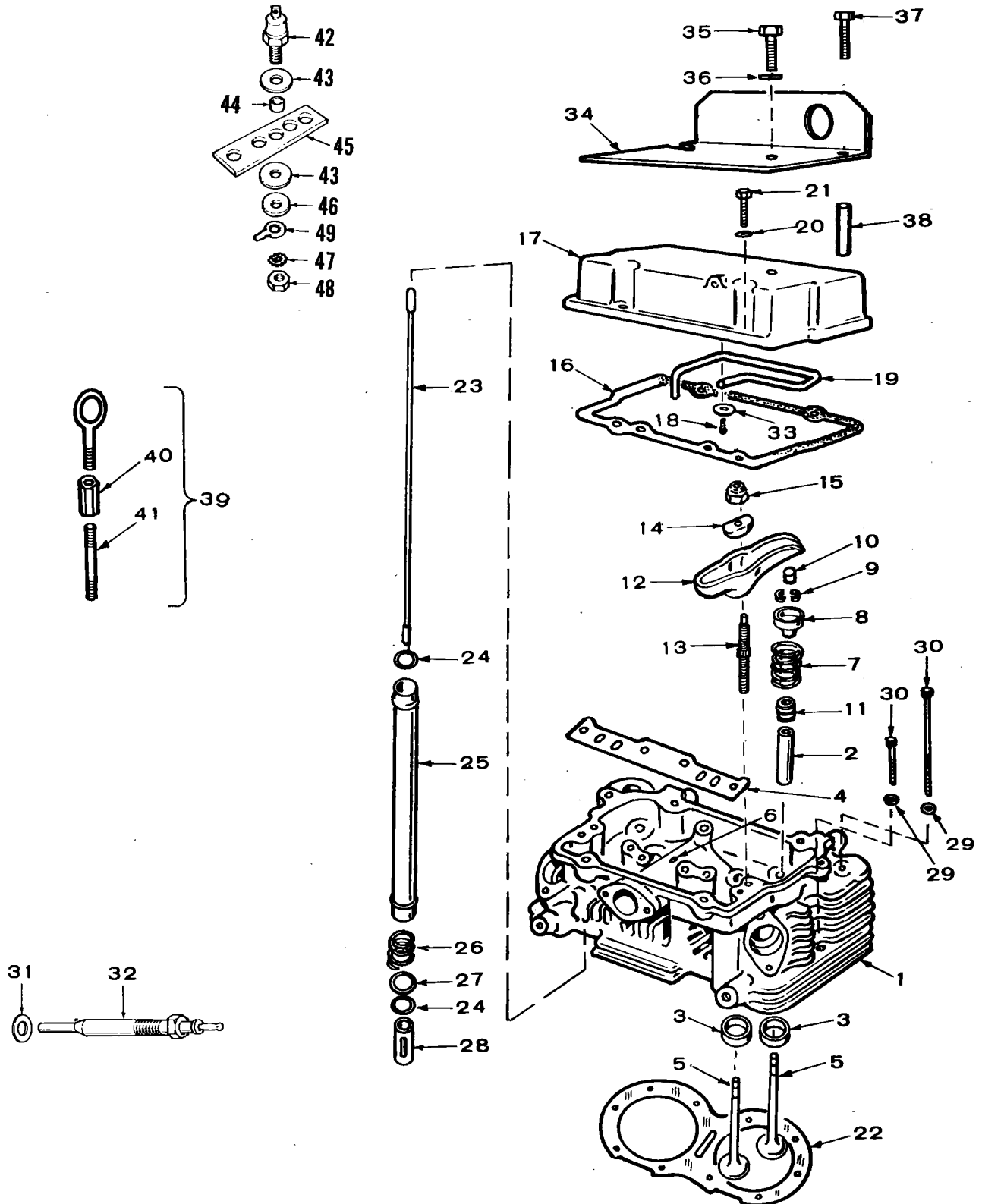
** - These generators have four load wires which are reconnectable for 120 volt, 2 wire service or 240 volt, 2 wire service or 120/240 volt, 3 wire service.

★ - Broad range reconnectable sets, refer to connection diagram inside outlet box cover.

NOTICE!

ITEMS REFERENCED AS **OPTIONAL** INDICATE PART IS FACTORY INSTALLED AND MAY NOT BE APPLICABLE TO ALL MODELS. FOR FIELD CONVERSIONS ADDITIONAL PARTS ARE USUALLY REQUIRED.

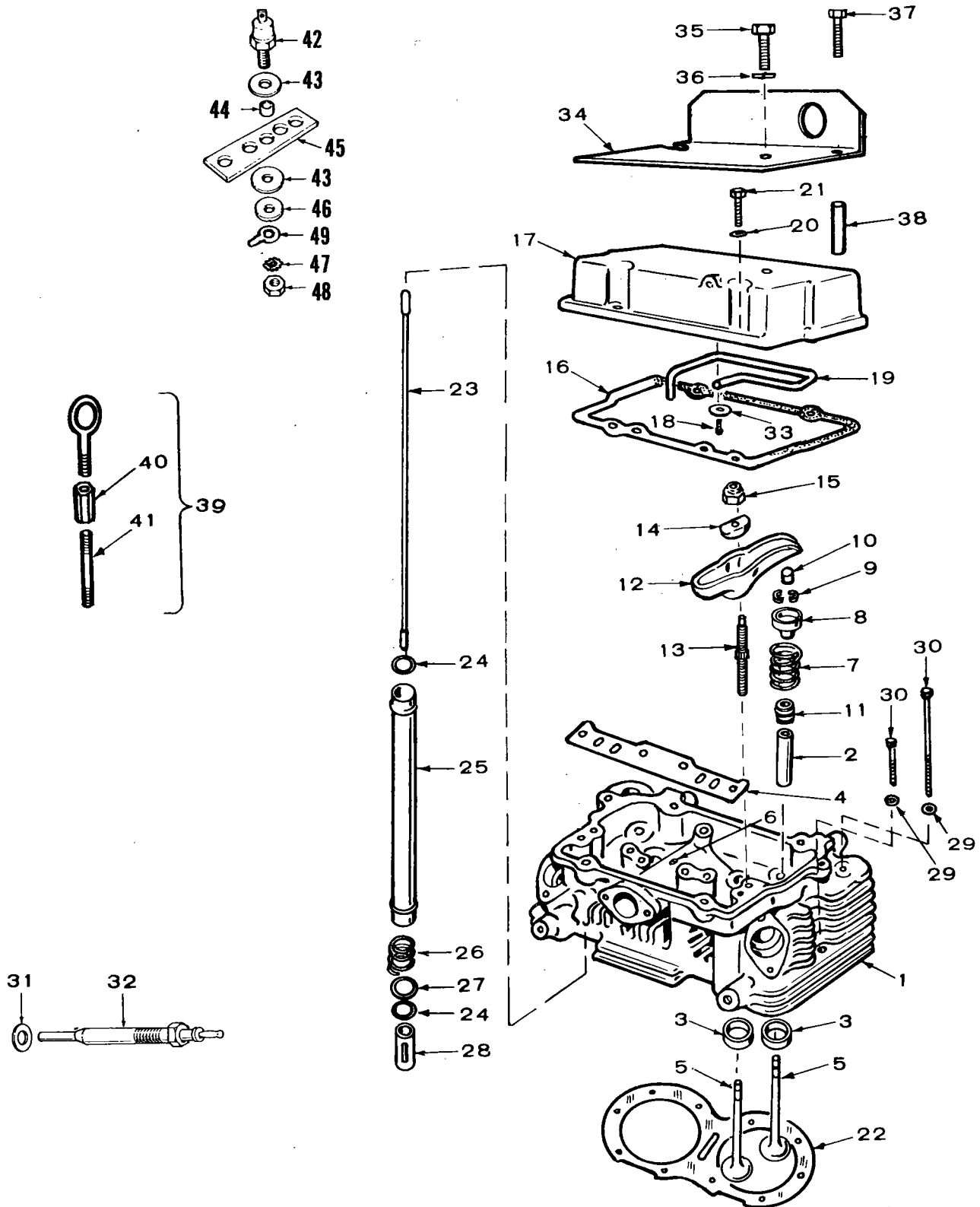
CYLINDER HEAD



CYLINDER HEAD

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	HEAD, CYLINDER		
			With Valves (Includes Parts Marked #)
	110-2993	1	Spec A Thru N
	110-2940	1	Begin Spec P
			Without Valves (Includes Parts Marked *)
	110-2701	1	Spec A Thru N
	110-2941	1	Begin Spec P
2	★ GUIDE, VALVE		
	110-1501	4	Early Style
			Late Style
	110-1869	2	*# Intake
	110-1870	2	*# Exhaust
3	INSERT, VALVE SEAT		
	110-1268	4	*#Standard
	110-1268-02	4	.002" Oversize
	110-1268-05	4	.005" Oversize
	110-1268-10	4	.010" Oversize
	110-1268-25	4	.025" Oversize
4	115-0196	1	*#Guide, Push Rod
5	★ VALVE		
	110-1278	2	#Exhaust
			Intake
	110-1320	2	Early Style
	110-1871	2	# Late Style
6	505-0008	1	#Plug, Pipe—Slotted Head
7	110-1221	4	#Spring, Valve
8	110-1220	4	#Retainer, Valve Spring
9	110-0858	8	#Lock, Valve Spring Retainer
10	110-0859	4	Cap, Valve Stem
11	★ SEAL, OIL - INTAKE VALVE		
	509-0090	2	Early Style
	509-0132	2	#Late Style
12	ARM, ROCKER		
	115-0128	2	Exhaust
	115-0129	2	Intake
13	115-0152	4	#Stud, Rocker Arm
14	115-0127	4	Ball, Rocker Arm
15	115-0150	4	Nut, Lock - Rocker Arm
16	115-0130	1	Gasket, Rocker Cover
17	115-0134	1	Cover, Rocker (Includes Parts Marked +)
18	815-0562	1	+ Screw, Machine - Cross Recessed Pan Head (#10 x 5/16")
19	120-0628	1	+ Line, Oil - Rocker Cover
20	850-0045	4	Washer, Lock - Spring (5/16")
21	800-0030	2	►Screw, Cap - Hex Head (5/16 x 1-1/4")
22	110-1223	1	Gasket, Cylinder Head
23	115-0149	4	Rod, Push - Valve
24	509-0084	8	Seal, "O" Ring - Shield
25	115-0151	4	Shield, Push Rod
26	115-0146	4	Spring, Retaining, Shield
27	115-0155	8	Washer, Shield
28	TAPPET, VALVE		
	115-0195	4	Begin Spec P
	115-0132	4	Specs A Through N
29	526-0174	6	Washer, Flat (.406" ID x .781" OD x .1345 Thk)
30	SCREW, CAP - HEX HEAD (Special)		
	800-0503	6	3/8-16 x 1-3/4"
	110-1264	5	3/8-16 x 4-1/4"
31	110-0546	2	Gasket, Glow Plug
32	PLUG, GLOW (Includes Gasket)		
	333-0106	2	12 Volt DC
	333-0107	2	24 Volt DC (Optional)
33	526-0130	1	+ Washer, Flat (17/64" ID x 1" OD x 1/16" Thk)

CYLINDER HEAD



CYLINDER HEAD

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
34	403-0825	1	► Bracket, Lifting
35	800-0091	1	► Screw, Cap - Hex Head (1/2-13 x 1-1/4")
36	850-0060	1	► Washer, Lock - Spring (1/2")
37	800-0038	2	► Screw, Cap - Hex Head (5/16-18 x 3-1/4")
38	403-0826	2	► Spacer
39	403-0707	1	Kit, Lifting Bracket - Replaces Eye Bolt Lifting Assembly used on Early Models (Includes Parts Marked ►)
40	403-0620	1	Nut, Extension - Early Models (Used with Lifting Eye Bolt only)
41	520-0626	1	Stud, Cylinder Head - Early Models (Used with Lifting Eye Bolt only)
42	309-0196	1	Switch, Hi-Temp. (Normally Closed) - Begin Spec P - Optional
43	508-0126	4	Washer, Insulating - Switch Mounting - Begin Spec P - Optional
44	508-0127	1	Insulator, Sleeveing - Switch Mounting - Begin Spec P - Optional
45	309-0195	1	Bracket, Switch Mounting - Begin Spec P - Optional
46	526-0021	1	Washer, Flat (1/4") - Begin Spec P - Optional
47	856-0006	1	Washer, EIT LK (1/4") - Begin Spec P - Optional
48	862-0001	1	Nut, Hex (1/4-20) - Begin Spec P - Optional
49	332-0876	1	Terminal Ground

- Parts included in 110-2993 and 110-2940 Cylinder Heads

* - Parts included in 110-2701 and 110-2941 Cylinder Heads

+ - Parts included in 115-0134 Rocker Cover

► - Part included in 403-0707 Lifting Bracket Kit

★ - **NOTE:** Due to manufacturing changes, replacement parts for the intake valve, valve guide and valve stem oil seal must be used in the proper combination:

The 509-0090 oil seal must be used with the 110-1320 intake valve and the 110-1501 valve guide.

The 509-0132 oil seal must be used with the 110-1871 intake valve and the 110-1869 valve guide.

For identification, Figure 1 illustrates the top view of the valves and Figure 2 illustrates a cross section of the valve stem oil seals.

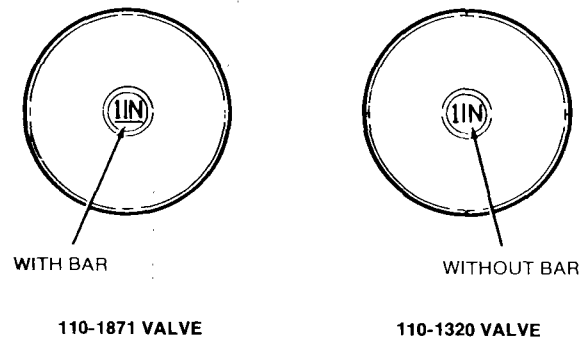


FIGURE 1. VALVE IDENTIFICATION

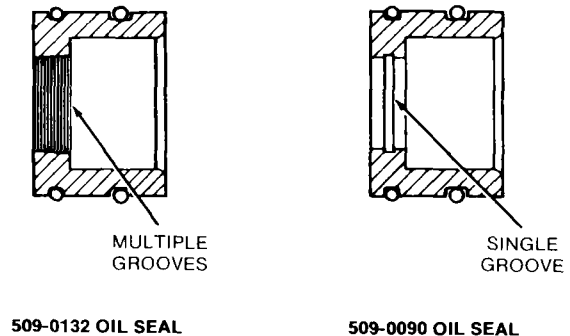
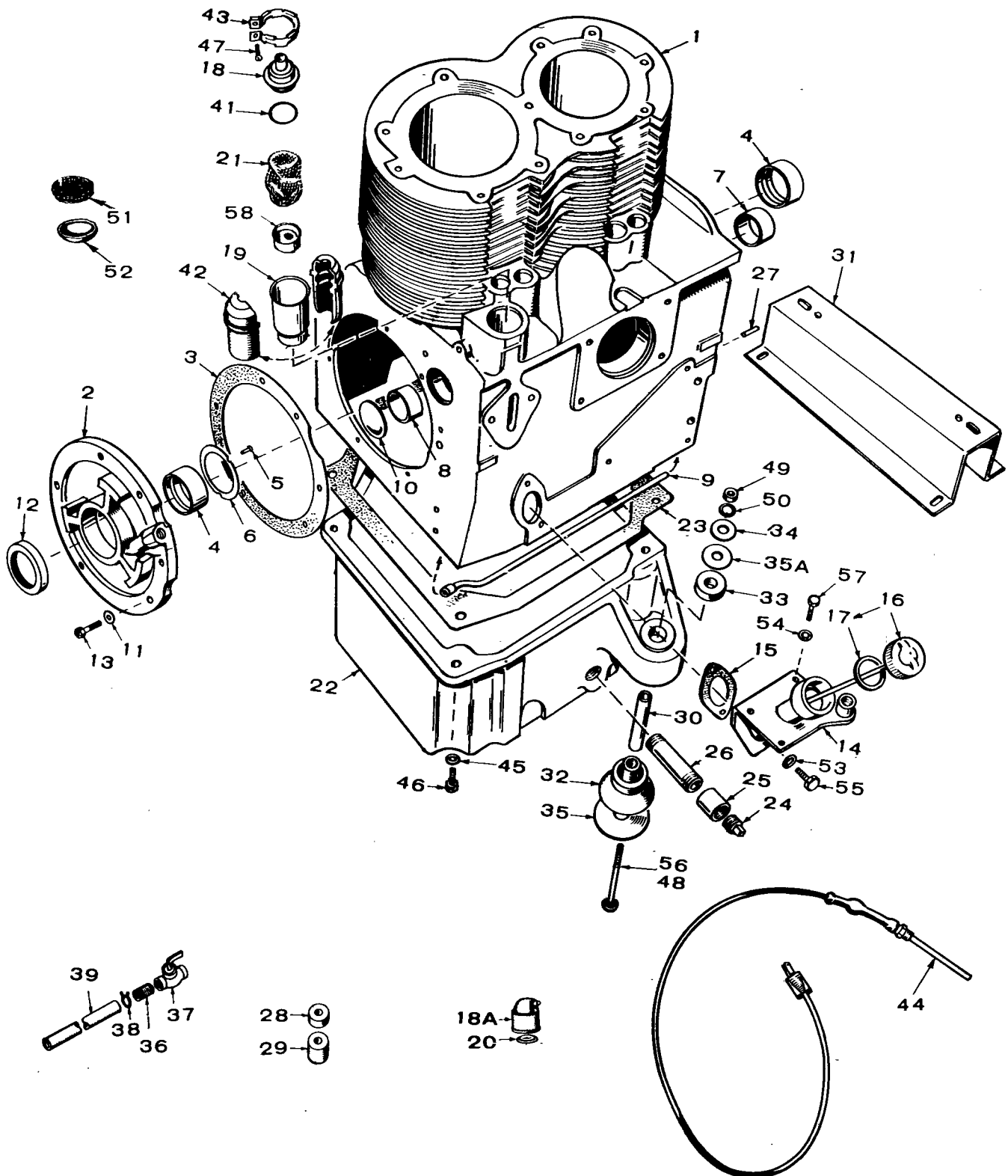


FIGURE 2. OIL SEAL IDENTIFICATION

CRANKCASE AND OIL BASE



CRANKCASE AND OIL BASE

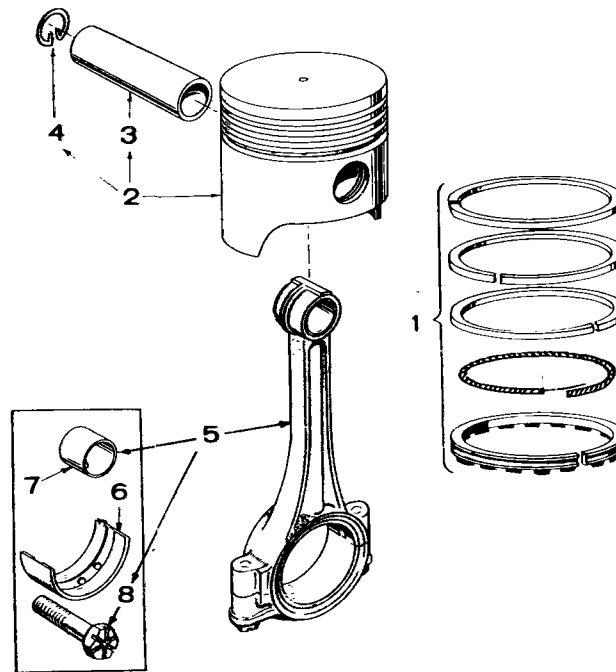
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-1330	1	Block Assembly, Cylinder (Includes Parts Marked *)	33	402-0282	4	★+Snubber, Shock Mounting - Begin Spec H
2	101-0337	1	*Plate, Bearing (Less Bearing and Pins)	34	526-0014	4	★+Washer (29/64" I.D. x 1-1/2" O.D. x 1/8") - Only with Cone Shaped Cushion
3	101-0386	1	*Gasket Kit, Bearing Plate (Includes Steel Shims)	35	526-0195	4	★+Washer (29/64" I.D. x 3-1/4" O.D. x 1/8") - Only with Cone Shaped Cushion
4	BEARING, CRANKSHAFT - PRECISION			35A	526-0198	As Req.	★+Washer (5/8" I.D. x 1-1/2" O.D. x 1/16") - Only with Cone Shaped Cushion
	101-0359	2	*Standard	36	505-0002	2	Nipple, Oil Drain - Housed Sets
	101-0359-02	2	.002" Undersize	37	504-0011	1	Valve, Oil Drain - Housed Sets
	101-0359-10	2	.010" Undersize	38	503-0197	1	Clamp, Oil Drain - Housed Sets
	101-0359-20	2	.020" Undersize	39	503-0316	1	Hose, Oil Drain - Housed Sets
	101-0359-30	2	.030" Undersize	41	509-0117	1	Seal, "O" Ring - Breather Tube - Begin Spec S
5	516-0072	4	*Pin, Thrust Washer	42	123-0998	2	Insulator Halves, Breather Tube - Begin Spec S
6	104-0420	2	*Washer, Crankshaft Thrust	43	518-0268	1	Clamp, Breather Tube Insulator Halves - Begin Spec S
7	101-0363	1	*Bearing, Precision Camshaft Front - Standard Only	44	102-0558	1	Heater, Oil Base (Optional)
8	101-0365	1	*Bearing, Precision Camshaft Rear - Standard Only	45	850-0055	4	Washer, Lock - Oil Base Mounting (7/16")
9	120-0553	1	*Tube, Crankcase Oil	46	800-0072	4	Screw, Hex Cap - Oil Base Mounting (7/16-14 x 1-1/4")
10	517-0053	1	*Plug, Camshaft Opening	47	809-0035	1	Screw, Breather Clamp - Begin Spec S
11	526-0245	6	Washer, Flat - Bearing Plate Mounting	48	816-0212	4	+Bolt, Carriage (7/16-14 x 5-1/2") - Cushion Mounting - Begin Spec H
12	509-0086	1	*Seal, Crankshaft Rear	49	862-0004	4	★+Nut, Hex (7/16-14) - Cushion Mounting
13	805-0019	6	*Bolt, Place - Bearing Plate (3/8-16 x 1-7/16")	50	850-0055	4	★+Washer, Lock (7/16") - Cushion Mounting
14	TUBE ASSEMBLY, OIL FILL			51	123-1202	1	Screen, Breather (Part of Cap and Valve Assembly) - Begin Spec S
	123-0681	1	Spec A through R	52	123-1201	1	Retainer, Breather Valve (Part of Cap and Valve Assembly) - Begin Spec S
	123-1085	1	Begin Spec S	53	850-0045	2	Washer, Lock - Oil Fill Tube Mounting (5/16")
15	123-0667	1	Gasket, Oil Fill Tube	54	850-0045	3	Washer, Lock - Oil Fill Assembly to Fuel Filters Adapter (5/16")
16	CAP AND INDICATOR			55	800-0026	2	Screw, Hex Cap - Oil Fill Mounting (5/16-18 x 3/4")
	123-0651	1	Spec A through R	56	800-0082	4	★Screw, Hex Cap - Cushion Mounting (7/16-14 x 3-3/4") - Vacu-Flo Cooled Sets - Begin Spec H
	123-1058	1	Begin Spec S	57	800-0026	3	Screw, Hex Cap - Oil Fill Assembly to Fuel Filters Adapter (5/16-18 x 3/4")
17	123-0191	1	Gasket, Cap	58	123-1153	1	Cup & Holder, Baffle
18	123-1203	1	Cap and Valve Assembly, Breather - Begin Spec S	HARDWARE PACKAGE, MOUNTING - BEGIN SPEC H			
18A	CAP, BREATHER			402-0291	4	Standard (Includes Parts Marked +)	
	123-0458	1	Spec A through F	402-0364	1	Vacu-Flo Cooled Sets (Includes Parts Marked ★)	
	123-0787	1	Spec G through R				
19	TUBE, BREATHER						
	123-0645	1	Spec A through R				
	123-0952	1	Begin Spec S				
20	123-0315	1	Valve, Breather - Spec A through R				
21	123-0865	1	Baffle, Breather				
22	BASE, OIL						
	102-0450	1	Spec A through G				
	102-0540	1	Begin Spec H				
23	102-0451	1	Gasket, Oil Base				
24	505-0056	1	Plug (1/2")				
25	505-0014	1	Coupling (1/2")				
26	505-0002	1	Nipple (1/2" x 3")				
27	516-0141	2	*Pin, Dowel - Gear Cover Locating				
28	402-0036	4	Mount, Vibration (Cylindrical Shaped - Upper) - Spec A through G				
29	402-0276	4	Mount, Vibration (Cylindrical Shaped - Lower) - Spec A through G				
30	BUSHING, SPACER - VIBRATION MOUNT						
	402-0046	4	Spec A through G				
	402-0290	4	★+Begin Spec H				
31	SUPPORT, VACU-FLO COOLED SETS						
	403-0648	2	Spec A through G				
	403-0710	2	Begin Spec H				
32	CUSHION, VIBRATION (Cone Shaped) - BEGIN SPEC H						
	402-0284	2	Engine End				
	402-0285	2	Generator End				

* - Included in Cylinder Block Assembly.

+ - Included in 402-0291 Mounting Hardware Package.

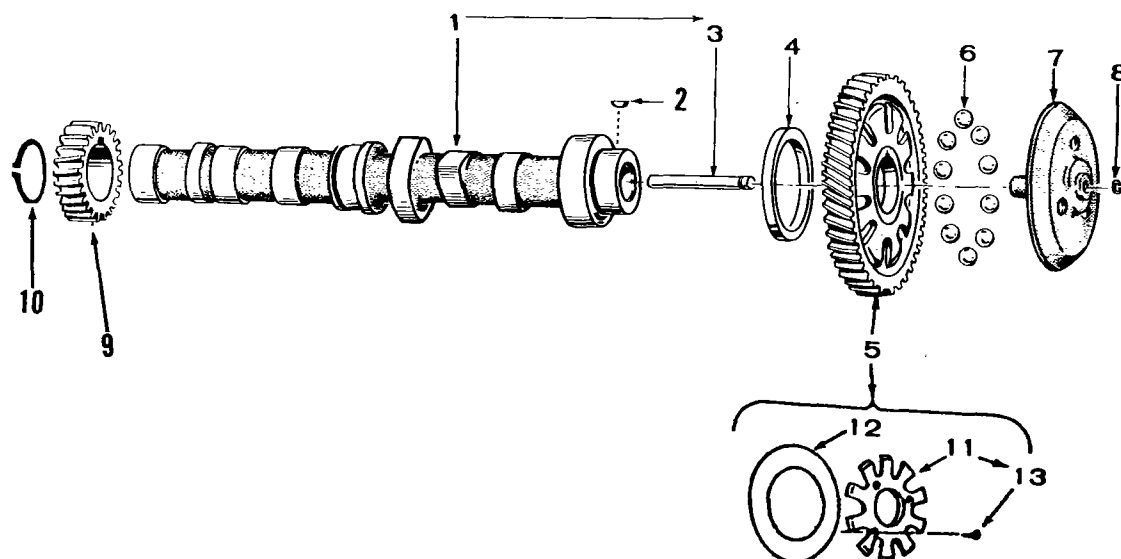
★ - Included in 402-0364 Mounting Hardware Package.

PISTON AND CONNECTING ROD



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	RING SET, PISTON		
	113-0130	2	Standard
	113-0130-05	2	.005" Oversize
	113-0130-10	2	.010" Oversize
	113-0130-20	2	.020" Oversize
	113-0130-30	2	.030" Oversize
	113-0130-40	2	.040" Oversize
2	PISTON AND PIN - INCLUDES PIN RETAINING RINGS		
			Spec A through N
	112-0103	2	Standard
	112-0103-05	2	.005" Oversize
	112-0103-10	2	.010" Oversize
	112-0103-20	2	.020" Oversize
	112-0103-30	2	.030" Oversize
	112-0103-40	2	.040" Oversize
			Begin Spec P
	112-0109	2	Standard
	112-0109-05	2	.005" Oversize
	112-0109-10	2	.010" Oversize
	112-0109-20	2	.020" Oversize
	112-0109-30	2	.030" Oversize
	112-0109-40	2	.040" Oversize
3	112-0093	2	Pin, Piston
4	112-0085	4	Ring, Retaining - Pin
5	114-0168	2	Rod Assembly, Connecting (Forged)
6	BEARING HALF, CONNECTING ROD		
	114-0164	4	Standard
	114-0164-02	4	.002" Undersize
	114-0164-10	4	.010" Undersize
	114-0164-20	4	.020" Undersize
	114-0164-30	4	.030" Undersize
7	114-0170	4	Bushing, Piston Pin
8	805-0012	4	Bolt, Place (5/16-24 x 1-13/16")

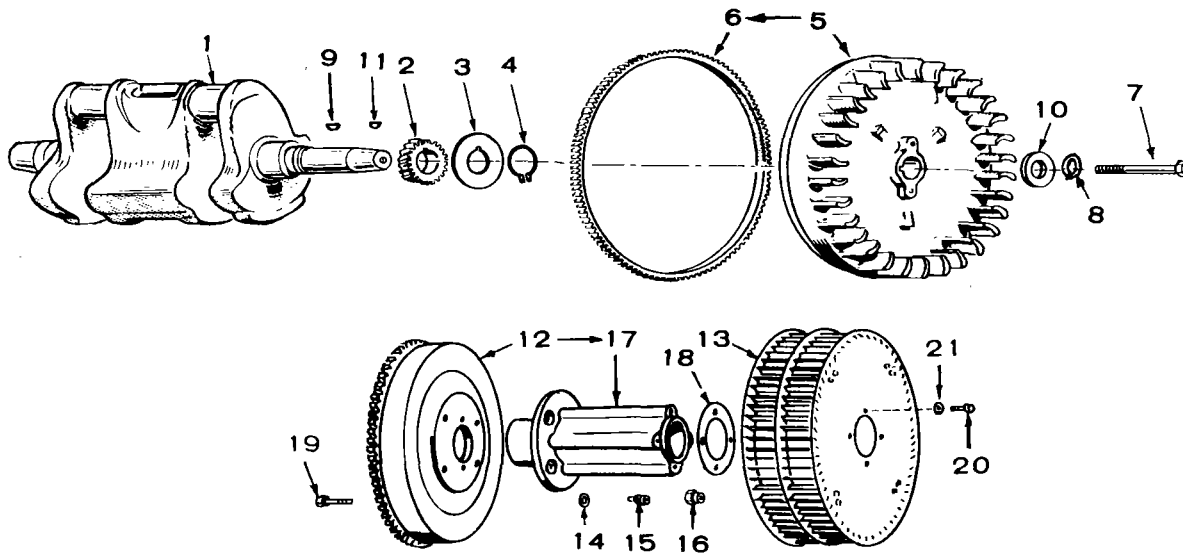
CAMSHAFT



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CAMSHAFT, INCLUDES PIN		
	105-0221	1	Spec A through N
	105-0271	1	Begin Spec P
2	515-0001	2	Key, Camshaft Gear and Injection Pump Gear
3	150-0075	1	Pin, Camshaft Center
4	105-0205	1	Washer, Thrust
5	105-0218	1	Gear Assembly Camshaft (Includes Parts Marked *)
6	510-0046	10	Ball, Fly - Governor
7	150-0775	1	Cup, Governor
8	150-0078	1	Ring, Snap - Center Pin
9	147-0142	1	Gear, Injection Pump Drive
10	518-0195	1	Ring, Snap - Injection Pump Drive Gear
11	150-1842	1	*Kit Spacer - Governor Flyball (Includes Mounting Screws)
12	150-0773	1	*Plate, Governor Flyball
13	815-0506	3	*Screw, Spacer Mounting (Special)

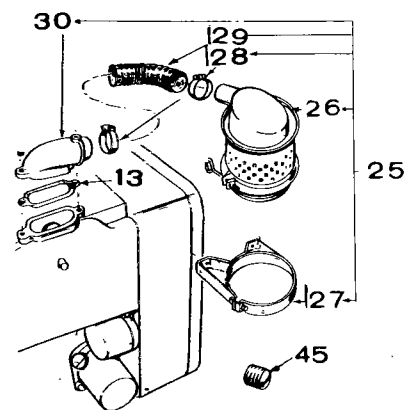
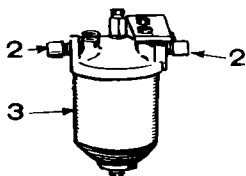
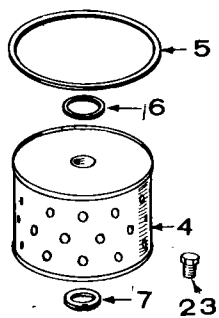
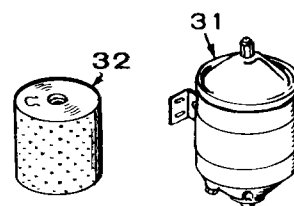
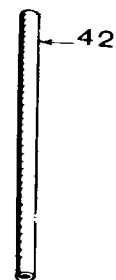
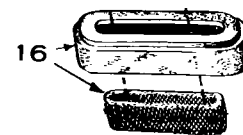
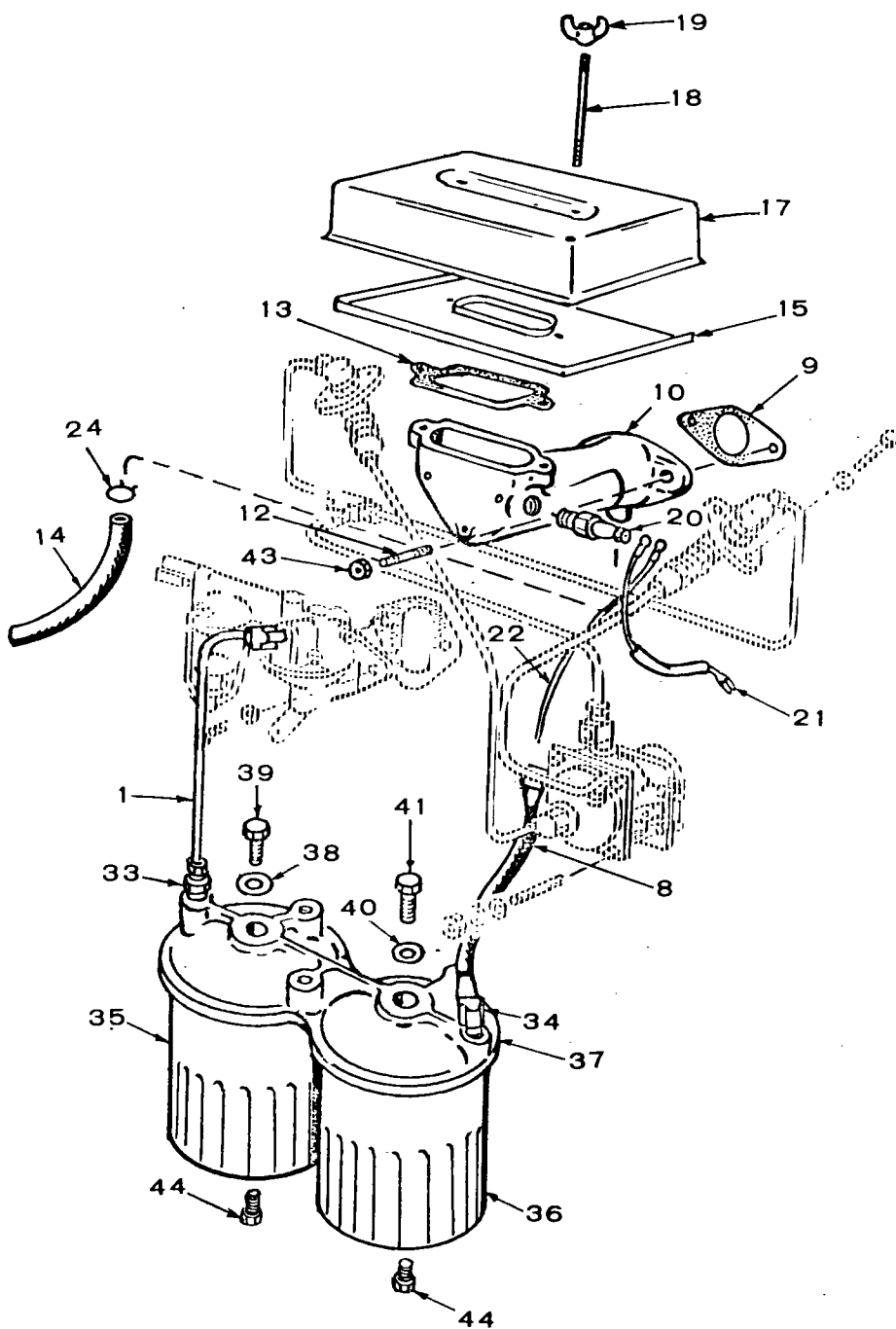
* - Included in 105-0218 Camshaft Gear Assembly.

CRANKSHAFT AND FLYWHEEL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-0451	1	Crankshaft
2	104-0418	1	Gear, Crankshaft
3	104-0416	1	Washer, Retainer - Gear
4	518-0188	1	Ring, Lock
5	104-0470	1	Flywheel (Includes Ring Gear)
6	104-0423	1	Gear, Ring
7	800-0500	1	Screw, Cap (Hexhead) - Flywheel Mounting (7/16-14 x 5-1/2")
8	850-0055	1	Washer, Lock (Spring) - Flywheel Mounting (7/16")
9	515-0001	1	Key, Crankshaft Gear
10	526-0185	1	Washer, Flat - Flywheel Mounting (15/32" ID x 1-1/2" OD x 1/8" THK)
11	KEY, FLYWHEEL TO CRANKSHAFT		
	515-0002	1	Spec A Only
	515-0153	1	Begin Spec B
12	104-0798	1	Flywheel Assembly - Vacu-Flo Cooled Sets (Includes Hub and Hub to Flywheel Hdwe)
13	134-1431	1	Wheel, Blower - Vacu-Flo Cooled Sets
14	526-0187	4	Washer (Special), Hub to Flywheel - Vacu-Flo Cooled Sets
15	104-0543	4	Spacer & Washer Assembly, Hub to Flywheel - Vacu-Flo Cooled Sets
16	115-0150	4	Nut (3/8-24"), Hub to Flywheel - Vacu-Flo Cooled Sets
17	104-0557	1	Hub, Flywheel - Vacu-Flo Cooled Sets
18	134-0988	1	Plate, Blower Wheel - Vacu-Flo Cooled Sets
19	801-0054	4	Screw, HHC (3/8-24 x 2") Hub to Flywheel
20	800-0025	4	Screw, HHC (5/16-18 x 5/8") Blower Mounting
21	854-0017	4	Washer (5/16 IT LK) Blower Mounting

AIR CLEANER AND FUEL FILTERS

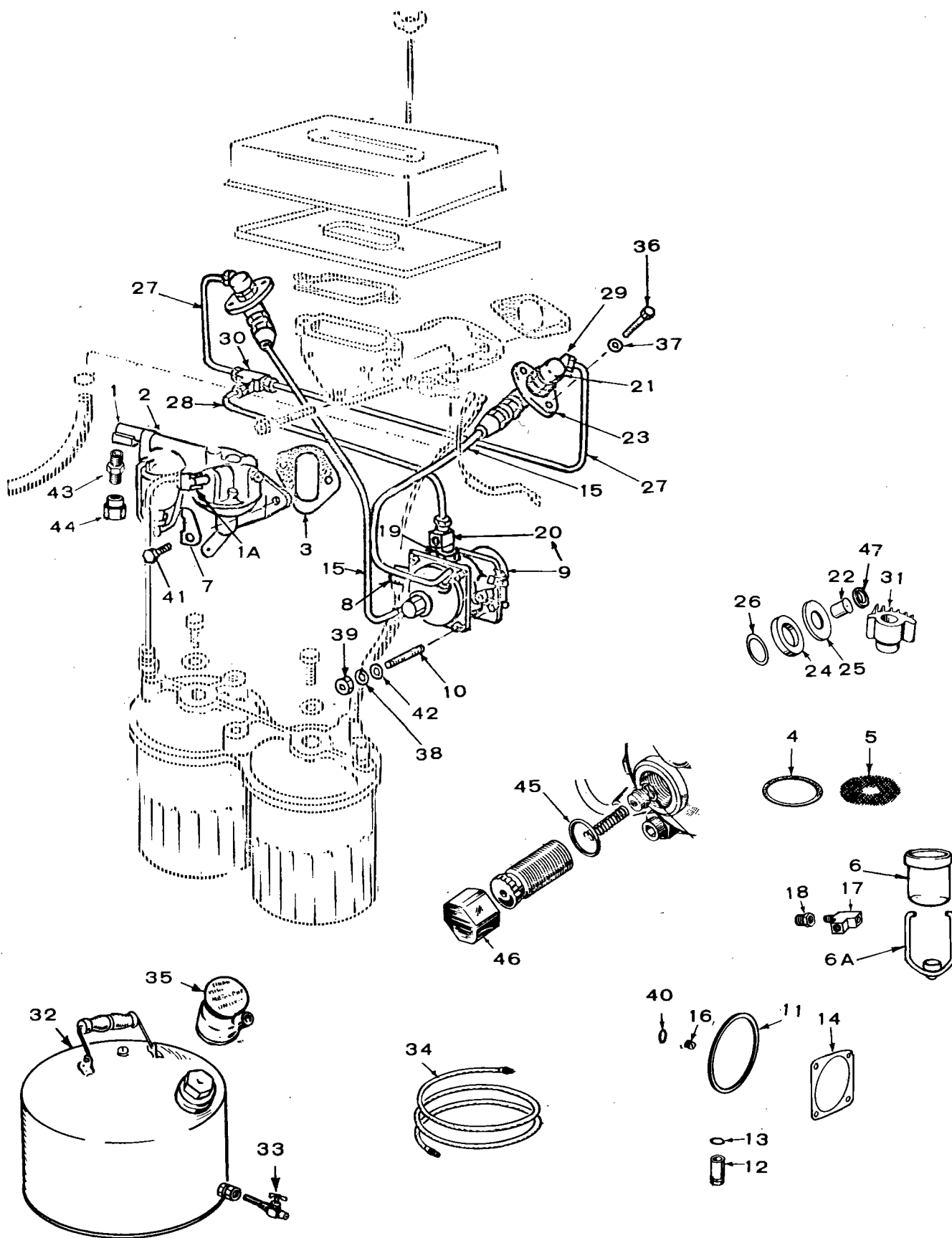


AIR CLEANER AND FUEL FILTER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	LINE, FUEL PUMP TO SECONDARY FILTER			22	336-1418	1	Lead, Air Heater to Solenoid in Control
	149-0806	1	Spec A through R	23	149-0769	1	Plug, Air Bleed, Secondary Filter
	149-1190	1	Begin Spec S	24	503-0170	2	Clamp, Breather Hose
2	502-0041	2	Elbow, Inverted Male - Secondary Filter Inlet & Outlet - Spec A thru R	25	140-0677	1	Conversion Kit, Oil Bath Air Cleaner (Includes Parts Marked * Plus Hardware) - Optional
3	149-0408	1	Filter, Secondary Fuel - Includes Cartridge (Bleed Plug 149-0769 is available separately) - Spec A thru R	26	140-0500	1	*Cleaner, Air - Optional
4	149-0428	1	Cartridge, Secondary Fuel Filter - Spec A thru R	27	140-0519	1	*Band, Air Cleaner - Optional
5	149-0456	1	Gasket, Secondary Filter, Bowl to Cover - Spec A through R	28	503-0274	2	*Clamp, Air Cleaner Hose - Optional
6	149-0455	1	Gasket, Secondary Filter Cartridge to Head - Spec A through R	29	503-0444	1	*Hose, Air Cleaner to Adapter - Optional
7	149-0493	1	Gasket, Secondary Filter Cartridge to Retainer - Spec A through R	30	140-1212	1	*Adapter, Oil Bath Air Cleaner - Optional
8	LINE, SECONDARY FILTER TO INJECTION PUMP			31	149-1078	1	Filter, Fuel - Mounted between Fuel Tank and Transfer Pump - Spec A through R
	501-0091	1	Spec A through R.	32	149-0846	1	Cartridge, For 149-1078 Filter
	501-0129	1	Begin Spec S	33	502-0003	1	Connector, Primary Fuel Filter Inlet - Begin Spec S
9	141-0281	1	Gasket, Air Cleaner Adapter to Cylinder Head	34	502-0099	1	Elbow, Reducer - Secondary Fuel Filter Outlet - Begin Spec S
10	140-0576	1	Adapter, Air Cleaner	35	122-0325	1	Filter, Fuel - Primary - Begin Spec S
11	505-0180	1	Plug, Pipe (1/4") - Air Cleaner Adapter & Intake Manifold - Used on some early models.	36	122-0326	1	Filter, Fuel - Secondary - Begin Spec S
12	520-0011	2	Stud, Air Cleaner Adapter Mounting	37	149-1185	1	Adapter, Fuel Filters - Begin Spec S
13	140-0584	1	*Gasket, Air Cleaner	38	526-0068	1	Washer, Primary Fuel Filter Mounting - Begin Spec S
14	HOSE, BREATHER			39	801-0074	1	Screw, Hex Cap - Primary Fuel Filter Mounting - Begin Spec S
	503-0384	1	Spec A through F	40	526-0066	1	Washer, Secondary Fuel Filter Mounting - Begin Spec S
	503-0462	1	Spec G through R	41	801-0053	1	Screw, Hex Cap - Secondary Fuel Filter Mounting - Begin Spec S
	503-0557	1	Begin Spec S	42	503-0559	1	Insulator, Breather Hose - Begin Spec S
15	140-0595	1	Pan, Air Cleaner	43	870-0137	2	Nut, Air Cleaner Adapter Mounting (5/16-24)
16	140-0636	1	Element and Retainer, Air Cleaner	44	502-0080	2	Plug, Drain - Fuel Filter - Begin Spec S
17	140-0594	1	Cover, Air Cleaner	45	505-0008	1	*Plug, Pipe (1/8") Cleaner Adapter
18	520-0621	2	Stud, Air Cleaner				
19	865-0020	2	Nut, Wing - Air Cleaner				
20	154-0712	1	Heater, Manifold - Includes Gasket (12 Volt) - Qty. 2 used on 24 Volt Sets				
21	LEAD, GLOW PLUG TO AIR HEATER						
	336-1314	1	#1 Cylinder (10-1/4") - Round Type Terminal				
	336-1504	1	#1 Cylinder (12-1/4") - Blade Type Terminal				
	336-1313	1	#2 Cylinder (5-1/4") - Round Type Terminal				
	336-1505	1	#2 Cylinder (5-1/4") - Blade Type Terminal				

* - Included in optional 140-0677 Oil Bath Air Cleaner Conversion Kit.

FUEL TRANSFER PUMP AND INJECTION SYSTEM

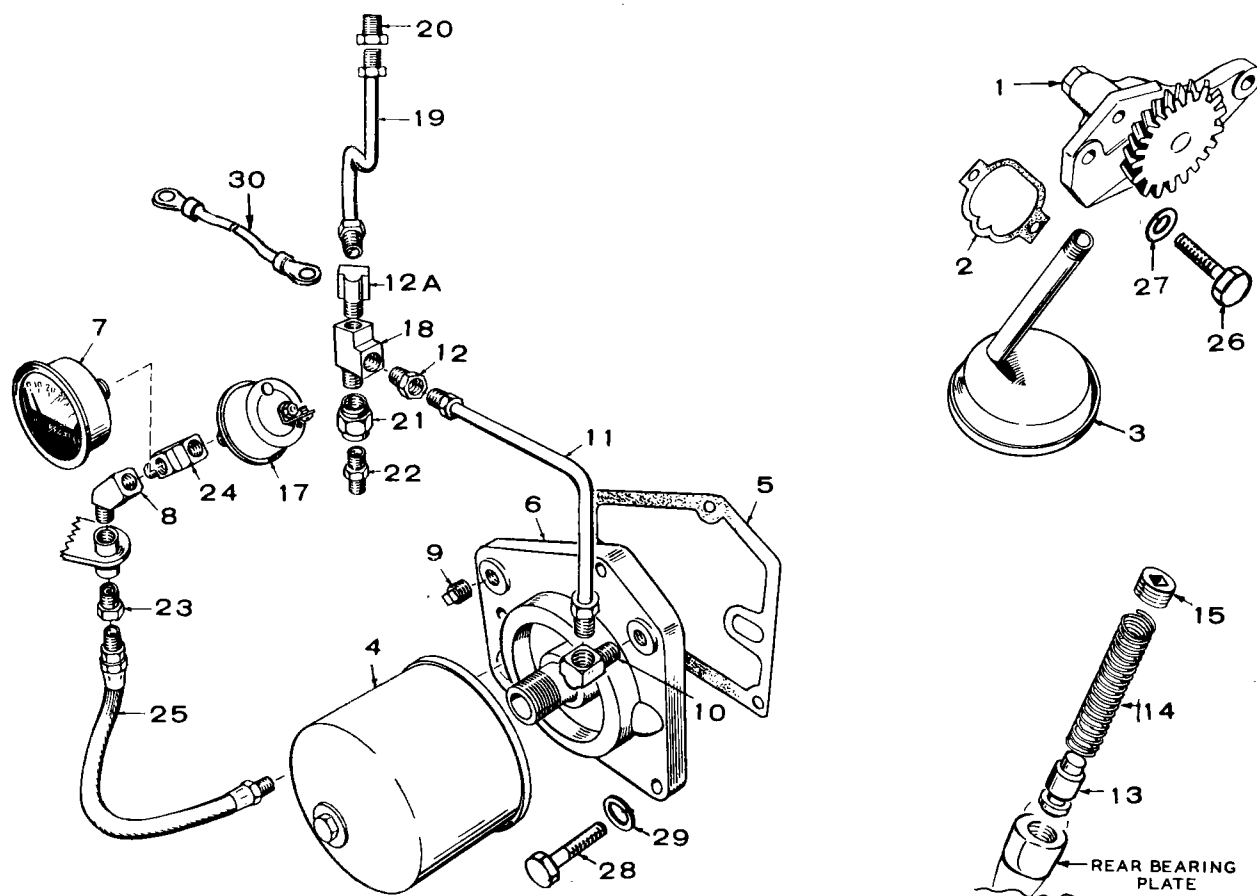


FUEL TRANSFER PUMP AND INJECTION SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-1046	1	Repair Kit, Fuel Pump (Includes Diaphragm and Gaskets)	17	502-0048	1	Tee, Return Line (With provision for return line to tank) - Early Models Only
1	ELBOW, INVERTED MALE - FUEL TRANSFER PUMP INLET			18	502-0029	1	Bushing, Pipe - Return Line Tee to Pump Bleeder Valve - Early Models Only
	502-0002	1	Spec A Through Z	19	502-0176	1	Adapter, Pipe - Bleeder Valve to Pump - Early Models Only
	502-0020	1	Begin Spec AA	20	147-0183	1	Valve, Bleeder - Injection Pump
1A	ELBOW, INVERTED MALE - FUEL PUMP OUTLET			21	147-0136	2	Nozzle and Holder Assembly
	502-0002	1	Spec A through R	22	147-0134	2	Nozzle Only, Component of Nozzle & Holder Assembly
	502-0065	1	Begin Spec S	23	147-0141	2	Flange, Injection Nozzle Hold-down
2	149-1020	1	Pump, Fuel Transfer	24	147-0044	2	Shield, Nozzle Heat (Steel)
3	149-0792	1	Gasket, Fuel Transfer Pump Mounting	25	147-0043	2	Gasket, Nozzle Heat Shield (Asbestos)
4	149-0517	1	Gasket, Fuel Pump Bowl	26	110-0419	2	Gasket, Shield to Head (Copper)
5	149-0463	1	Screen, Fuel Pump Filter	27	LINE, NOZZLE FUEL RETURN		
6	BOWL, FUEL PUMP FILTER			149-0863	1	Spec A thru N - #1 Cylinder	
	149-0116	1	2-3/8" Long	149-1056	1	Begin Spec P - #1 Cylinder	
	149-1168	1	1-5/8" Long	149-0864	1	Spec A thru N - #2 Cylinder	
6A	BAIL, FUEL PUMP FILTER			149-1057	1	Begin Spec P - #2 Cylinder	
	149-1006	1	3-5/8" Long	28	LINE, INJECTION PUMP TO FUEL RETURN LINES TEE		
	149-1169	1	2-7/8" Long	149-0950	1	Spec A through N	
7	149-1307	2	Washer, Flange - Fuel Pump Mounting	149-1058	1	Begin Spec P	
8	ELBOW, INJECTION PUMP INLET			29	502-0065	2	Elbow, Inverted (45°) - Nozzle (Fuel Return Line)
	502-0054	1	Spec A through Q	30	502-0102	1	Tee, Return Lines
	502-0039	1	Begin Spec R	31	ADAPTER, INJECTION NOZZLE		
9	PUMP, FUEL INJECTION			147-0133	1	#1 Cylinder	
	147-0218	1	Spec A Through Q (Includes Buttons 2,4,11,12, Retaining Ring, Injection Lines and "O" Ring Seal)	147-0132	1	#2 Cylinder	
	147-0219	1	Begin Spec R (Includes Buttons 1,2,12,13, Retaining Ring and "O" Ring Seal)	32	415-0126	1	Tank, Fuel (5 Gal.) - Optional
10	520-0129	4	Stud, Injection Pump Mounting	33	504-0013	1	Valve, Shut-off - Fuel Tank - Optional
11	509-0094	1	Seal, "O"-Ring - Injection Pump to Crankcase	34	501-0007	2	Line, Fuel (24")
12	147-0182	1	Tappet, Injection Pump	35	415-0124	1	Cap, Rain (With provision for fuel return line) - Optional
13	147-0196	1	Gasket, "O"-Ring - Injection Pump Tappet	36	800-0508	4	Screw, Hex Cap - Nozzle and Holder Mounting (5/16-18 x 2-3/4")
14	147-0145	1	Shim Kit, Injection Pump Mounting	37	526-0122	4	Washer, Flat - Nozzle and Holder Mounting
15	LINE, INJECTION PUMP TO NOZZLE			38	850-0045	4	Washer, Lock - Injection Pump Mounting (5/16")
	149-0961	1	#1 Cylinder - Spec A through Q	39	862-0015	4	Nut, Injection Pump Mounting (5/16-18)
	149-0962	1	#2 Cylinder - Spec A through Q	40	147-0259	1	Ring, Retaining - Timing Button
	149-1101	1	#1 Cylinder - Begin Spec R	41	800-0027	2	Screw, Hex Cap - Transfer Pump Mounting (5/16-18 x 7/8")
	149-1102	1	#2 Cylinder - Begin Spec R	42	526-0022	4	Washer, Flat - Injection Pump Mounting
16	BUTTON, INJECTION PUMP PLUNGER			43	505-0061	1	Nipple, Fuel Transfer Pump Inlet - Begin Spec AA
	147-0147	1	.119 - Marked 1 or A	44	502-0017	1	Connector, Inverted Female - Fuel Transfer Pump Inlet - Begin Spec AA
	147-0148	1	.116 - Marked 2 or B	45	147-0254	1	Gasket, Delivery Valve Cap (Part of Injection Pump)
	147-0149	1	.113 - Marked 3 or C	46	147-0253	1	Cap, Delivery Valve (Part of Injection Pump)
	147-0150	1	.110 - Marked 4 or D	47	147-0243	2	Gasket, Nozzle
	147-0151	1	.107 - Marked 5 or E				
	147-0161	1	.104 - Standard, 11 or No Mark				
	147-0152	1	.101 - Marked 6 or F				
	147-0153	1	.098 - Marked 7 or H				
	147-0154	1	.095 - Marked 8 or J				
	147-0155	1	.092 - Marked 9 or K				
	147-0156	1	.089 - Marked 10 or L				
	147-0190	1	.122 - Marked 12 or M				
	147-0189	1	.125 - Marked 13 or N				
	147-0188	1	.128 - Marked 14 or P				
	147-0187	1	.131 - Marked 15 or R				
	147-0186	1	.134 - Marked 16 or S				

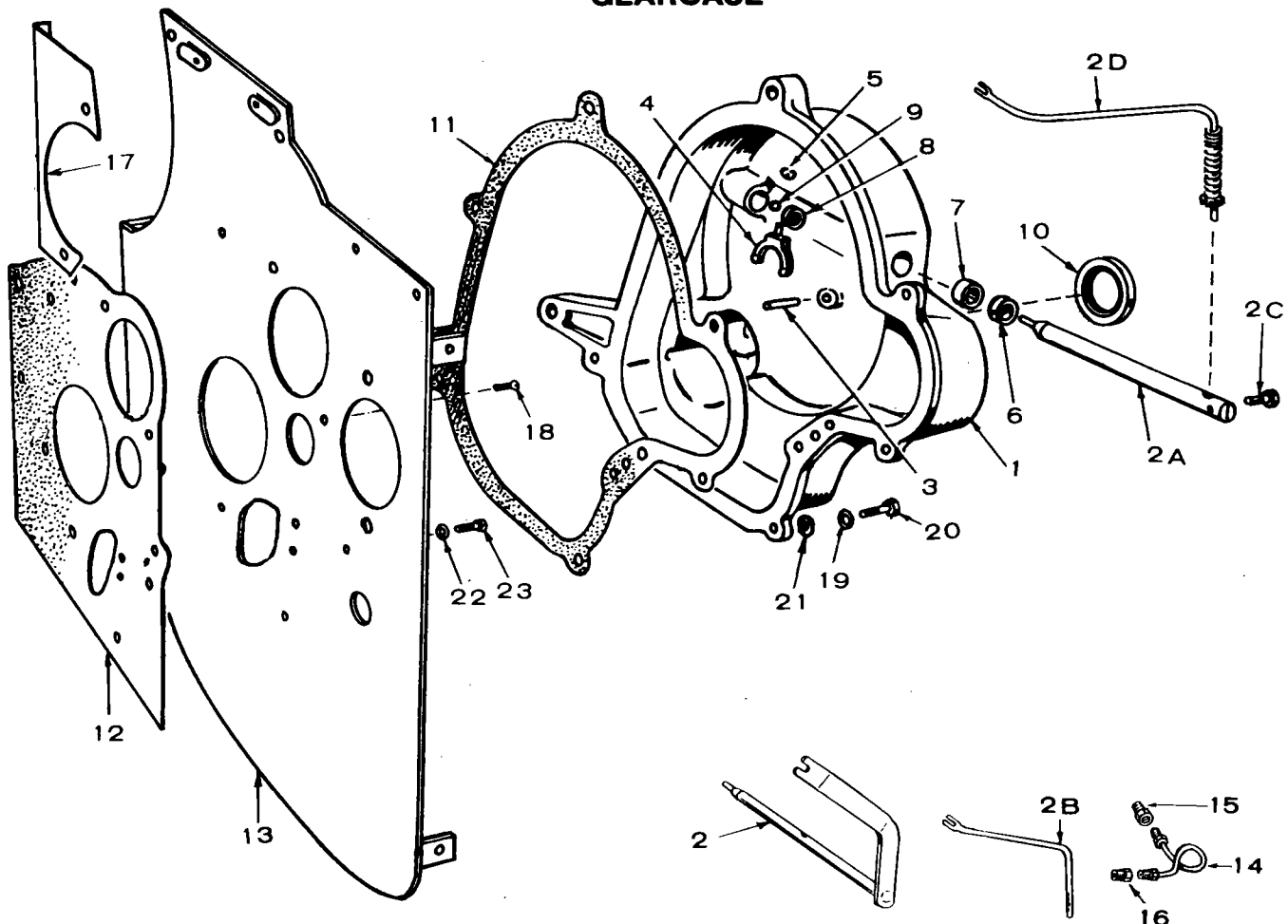
* - Be sure to measure for correct length.

OIL SYSTEM



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	120-0547	1	Pump Assembly, Oil	18	502-0242	1	Tee (Restricted) - Injection Pump Lubrication
2	120-0580	1	Gasket Kit, Pump	19	LINE, OIL-INJECTION PUMP TEE TO CYLINDER HEAD		
3	120-0551	1	Cup Assembly, Oil Pump Intake		120-0583	1	Spec A thru N
4	122-0185	1	Filter, 3-1/2" Long (Standard)		120-0633	1	Begin Spec P
4	122-0193	1	Filter, 5-1/2" Long (Optional)	20	CONNECTOR (Restricted) - OIL LINE TO CYLINDER HEAD		
5	122-0188	1	Gasket, Adapter		502-0235	1	Spec A through N
6	122-0182	1	Adapter, Oil Filter		502-0281	1	Begin Spec P
7	193-0006	1	Gauge, Oil Pressure	21	502-0051	1	Coupling, Tee to Injection Pump - Begin Spec P
8	ELBOW			22	502-0082	1	Nipple, Tee to Injection Pump - Begin Spec P
	502-0020	1	Street - 90° - Oil Gauge	23	502-0003	1	Connector, Oil Fill Bracket to Oil Line - Begin Spec S
	502-0053	1	45° - Optional - Low Oil Pressure Switch	24	502-0058	1	Tee, Oil Fill Bracket to Gauge and Switch - Begin Spec S - Optional
9	505-0057	1	Plug (1/8) - Adapter	25	501-0003	1	Line, Oil - Begin Spec S
10	ELBOW, INVERTED MALE - OIL LINE TO FILTER ADAPTER			26	800-0030	2	Screw, Hex Cap - Oil Pump Mounting (5/16-18 x 1-1/4")
	502-0019	1	Spec A through N	27	850-0045	2	Washer, Lock - Oil Pump Mounting (5/16")
	502-0037	1	Begin Spec P	28	800-0028	3	Screw, Hex Cap - Oil Filter Adapter Mounting - (5/16-18 x 1")
11	LINE, ADAPTER TO INJECTION PUMP TEE			29	850-0045	3	Washer, Lock - Oil Filter Adapter Mounting (5/16")
	120-0584	1	Spec A through N	30	336-1348	1	Lead (32") Low Oil Pressure Switch
	120-0614	1	Begin Spec P				
12	CONNECTOR, INVERTED MALE - INJECTION PUMP LUBRICATION TEE						
	502-0030	2	Spec A through N				
	502-0274	1	Begin Spec P				
12A	502-0037	1	Elbow, Injection Pump Lubrication Tee - Begin Spec P				
13	120-0539	1	Valve, Oil By-Pass				
14	120-0555	1	Spring, By-Pass Valve				
15	505-0274	1	Plug (1/8) - Oil By-Pass				
17	SWITCH, LOW PRESSURE (Optional)						
	309-0064	1	Spec A through E				
	309-0169	1	Begin Spec F				

GEARCASE



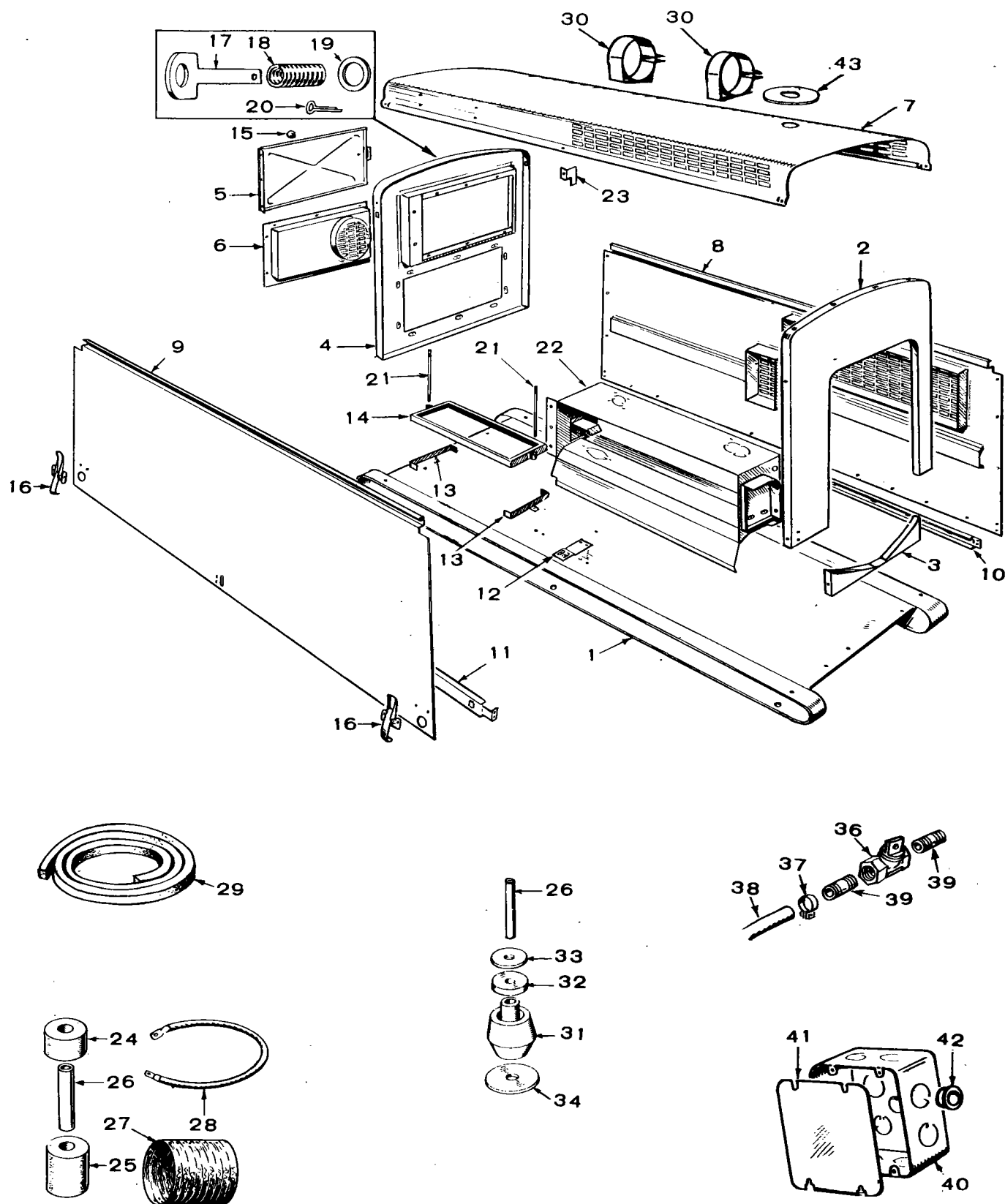
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0277	1	Cover Assembly, Gear - Complete - Prior to Serial 692459, Spec E - Also Order 150-0840 Arm and 103-0251 Gasket - (Includes Parts Marked *)
2	150-0825	1	Arm & Shaft - Prior to Serial 692459, Order 150-0838 Shaft, 150-0847 Arm
2A	150-0838	1	*Shaft, Governor - Begin Serial 692459
2B	150-0847	1	Arm, Governor - Begin Serial 692459 - Thru Spec Q
2C	815-0176	1	Screw (8-32 x 1/2") - Begin Serial 692459
2D	150-1095	1	Arm Assembly, Governor - Begin Spec R
3	516-0111	1	*Pin, Roll - Governor Cup Stop
4	150-0777	1	*Yoke, Governor
5	518-0129	1	*Ring, Yoke
6	509-0088	1	*Seal, Oil
7	510-0048	1	*Bearing (1/2") - Governor Shaft
8	510-0082	1	*Bearing (1/4") - Governor Shaft
9	*BALL, BEARING - GOVERNOR SHAFT THRUST		
	510-0014	1	Prior to Serial 692459 (3/16")
	510-0043	1	Begin Serial 692459 (5/16")
10	509-0087	1	*Seal, Oil

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	GASKET, GEAR COVER		
	103-0219	1	Prior to Serial 692459 (Iron Cover)
	103-0251	1	Begin Serial 692459 (Die Cast Cover)
12	103-0218	1	Gasket, Backplate
13	103-0271	1	Backplate (To Replace 103-0220 used on Early Models, Also order 134-1532)
14	120-0581	1	Line, Cover - Early Models Only
15	502-0235	1	Connector, Restricted - Oil Line - Early Models Only
16	502-0030	1	Connector, Inverted Male - Oil Line - Early Models Only
17	134-1532	1	Baffle, Starter Hole
18	815-0347	2	Screw (1/4-20 x 1/2") - Gear Cover Backplate Mounting
19	850-0045	5	Washer, Lock - Gear Cover Mounting (5/16")
20	SCREW, HEX CAP		
	800-0028	1	Gear Cover Mounting (5/16-18 x 1")
	110-0879	4	Gear Cover Mounting (5/16-18 x 1-1/4")
21	526-0115	5	Washer, Flat (5/16) - Gear Cover Mounting
22	850-0045	1	Washer, Lock - Gear Cover Backplate Mounting (5/16")
23	800-0026	1	Screw - Hex Cap - Gear Cover Backplate Mounting (5/16-18 x 3/4")

* - Included in Gear Cover Assembly.

OPTIONAL HOUSING AND SKID BASE

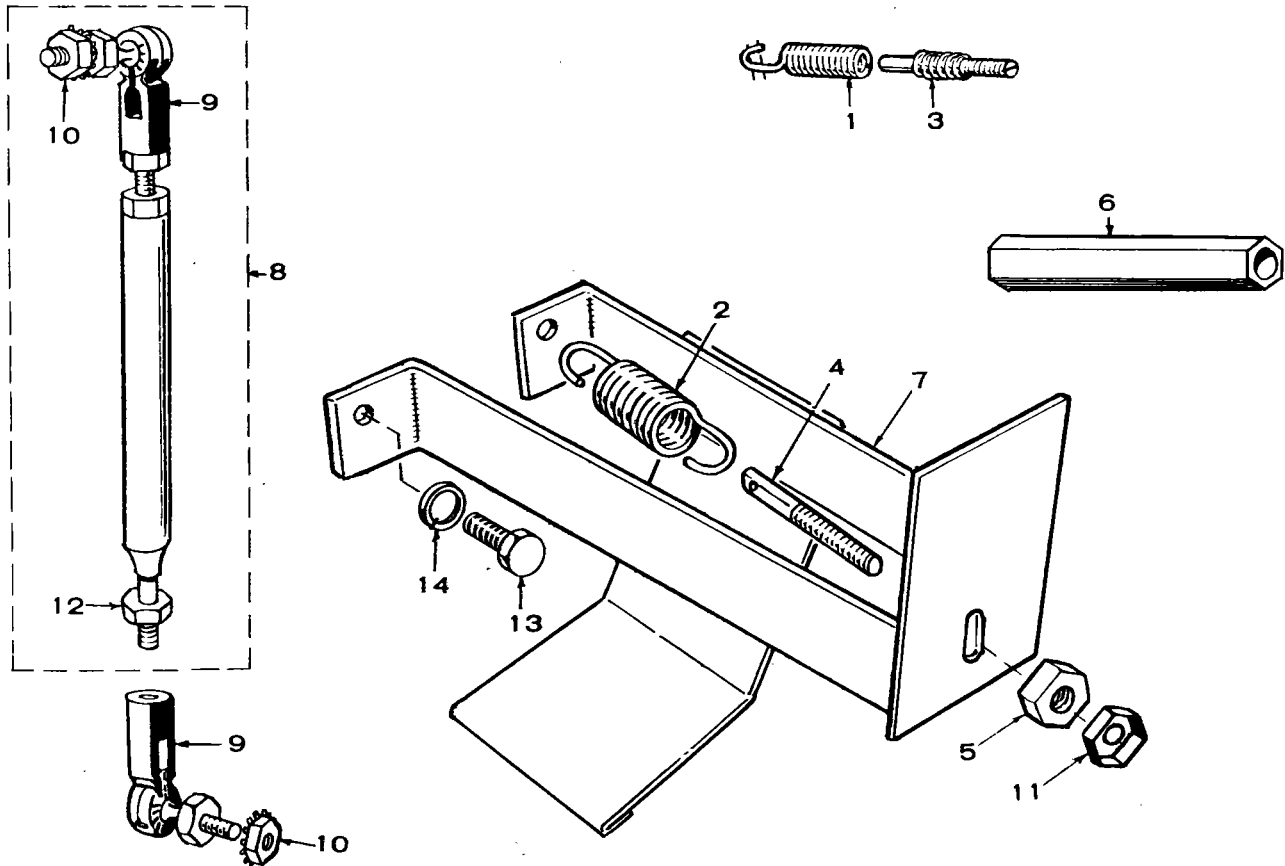
NOTE: 5 possible options exist: (1) Housing, (2) Housing plus Meter Panel, (3) Housing plus Shutters, (4) Housing plus Meter Panel and Shutters, (5) Skid Mounted.



OPTIONAL HOUSING AND SKID BASE

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-0679	1	Base	25	MOUNT, VIBRATION - CYLINDRICAL SHAPED - LOWER - SPEC A THROUGH G		
2	405-1323	1	Panel, Upper - Engine End	402-0276	2	Engine End	
3	405-1333	1	Panel, Lower - Engine End	402-0278	2	Generator End	
4	PANEL, REAR - GENERATOR END			26	BUSHING, SPACER - VIBRATION MOUNT		
	405-1322	1	Sets Without Meter Panel	402-0046	4	Spec A through G	
	405-1331	1	Sets With Meter Panel	402-0290	4	Begin Spec H	
5	PANEL, DOOR - REAR END			27	503-0423	1	Hose, Flexible - Generator Air Duct
	405-1329	1	Sets Without Meter Panel	28	336-0476	1	Strap, Ground - Engine to Frame
	405-1332	1	Sets With Meter Panel	29	895-0104	1	Stripping, Foam Weather (76" Required for Housing - Cement in Place)
6	405-1330	1	Panel, Generator Access	30	140-0631	2	Band, Muffler
7	405-1348	1	Panel, Top	31	CUSHION, VIBRATION - CONE SHAPED - BEGIN SPEC H		
8	PANEL, RIGHT SIDE				402-0284	2	Engine End
	405-1347	1	Sets Without Shutters		402-0285	2	Generator End
	405-1355	1	Sets With Shutters	32	402-0282	4	Snubber, Shock Mounting - Begin Spec H
9	405-1346	1	Panel, Left Side	33	526-0014	4	Washer (29/64" I.D. x 1-1/2" O.D. x 1/8") - Only with Cone Shaped Cushions
10	405-1344	1	Rail, Stiffener (Right Side)	34	526-0195	4	Washer (29/64" I.D. x 3-1/4" O.D. x 1/8") - Only with Cone Shaped Cushions
11	405-1345	1	Rail, Stiffener (Left Side)	34	526-0198	As Req.	Washer (5/8" I.D. x 1-1/2" O.D. x 1/16") - Only with Cone Shaped Cushions
12	405-1341	2	Bracket, Stiffener Rail	36	504-0011	1	Valve, Oil Drain
13	416-0501	2	Bracket, Battery	37	503-0197	1	Clamp, Oil Drain
14	416-0502	1	Frame, Battery Hold-down	38	503-0316	1	Hose, Oil Drain
15	406-0002	1	Knob, Rear Door Panel	39	505-0002	2	Nipple, Oil Drain (1/2 x 3")
16	406-0105	2	Fastener, Housing	40	330-0011	1	Box, Junction - Housed Sets
17	405-1138	2	Pin, Shoulder (Rear Panel)	41	330-0012	1	Cover, Junction Box - Housed Sets
18	405-1139	2	Spring, Shoulder Pin (Rear Panel)	42	331-0088	1	Bushing, Junction Box - Housed Sets
19	526-0115	2	Washer, Shoulder Pin (Rear Panel)	43	405-1673	1	Shield, Rain
20	516-0039	2	Pin, Shoulder Pin				
21	520-0490	2	Stud, Battery Hold-down				
22	DUCT, EXHAUST MANIFOLD						
	134-1804	1	Sets Without Shutters				
	134-1811	1	Sets With Shutters				
23	405-1181	2	Stop, Door				
24	402-0036	4	Mount, Cylindrical Shaped - Upper - Spec A through G				

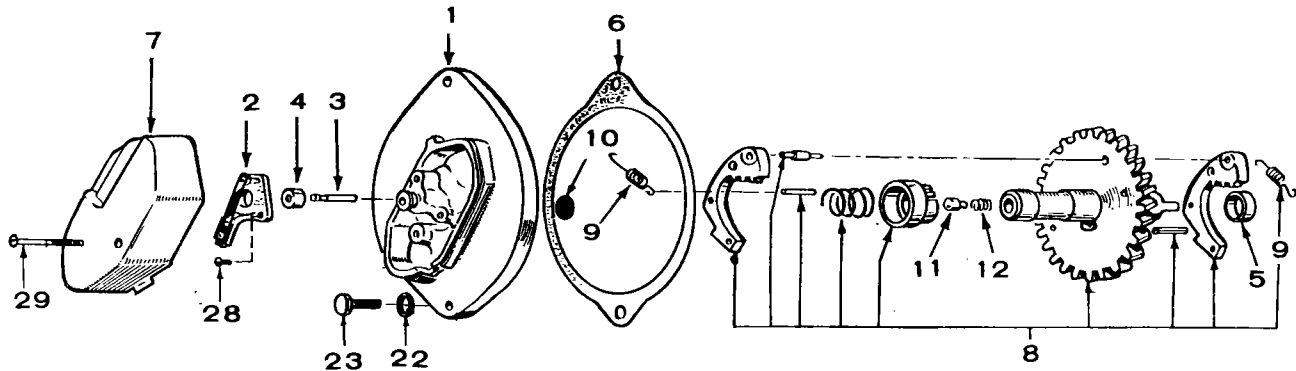
GOVERNOR



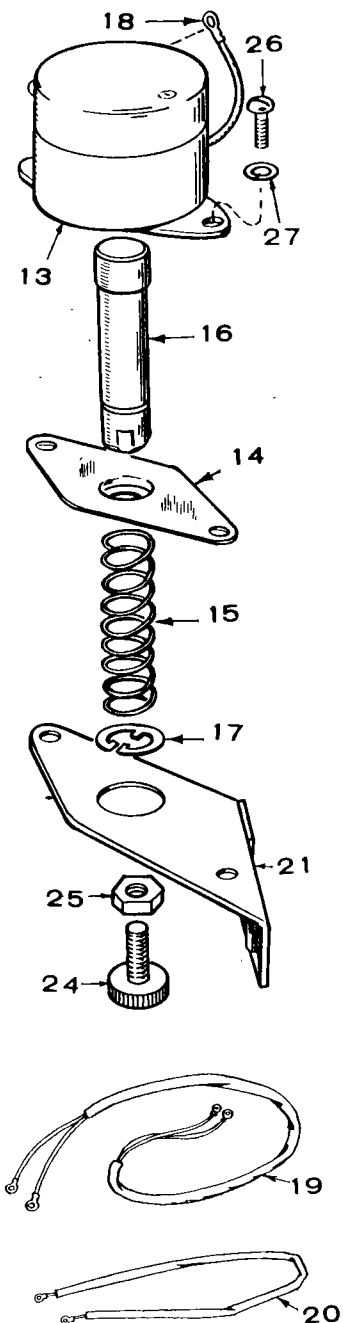
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	SPRING, GOVERNOR		
	150-0846	1	Pressure Cooled - Spec A through Q
	150-0821	1	Vacu-Flo Cooled - Spec A through Q
2	150-1084	1	Spring, Governor - Begin Spec R
3	150-0822	1	Stud, Adjusting - Spec A through Q
4	STUD, ADJUSTING - BEGIN SPEC R		
	150--1083	1	Pressure Cooled (3-1/8")
	150-1082	1	Vacu-Flo Cooled (1-5/8")
5	NUT, ADJUSTING		
	104-0091	1	Spec A through Q
	862-0003	1	Begin Spec R
6	NUT, ADJUSTING STUD - VACU-FLO COOLED SETS		
	150-0937	1	Spec A through Q
	150-1112	1	Begin Spec R

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
7	BRACKET ASSEMBLY		
	150-0814	1	Pressure Cooled - Spec A through Q
	150-0812	1	Vacu-Flo Cooled - Spec A through Q
	150-1110	1	Pressure Cooled - Begin Spec R
	150-1107	1	Vacu-Flo Cooled - Begin Spec R
8	LINKAGE ASSEMBLY		
	150-0831	1	Spec A through Q
	150-1132	1	Begin Spec R
9	JOINT, BALL		
	150-0974	2	Spec A through Q
			Begin Spec R
	150-1358	1	Governor End
	150-0939	1	Injection Pump End
10	870-0131	2	Nut, Keps - Ball Joint
11	NUT, LOCK		
	870-0130	1	Spec A through Q
	870-0133	1	Begin Spec R
12	871-0010	1	Nut, Hex (10-32)
13	800-0005	2	Screw (1/4-20 x 3/4") - Bracket Mounting
14	850-0040	2	Washer, Lock (1/4)

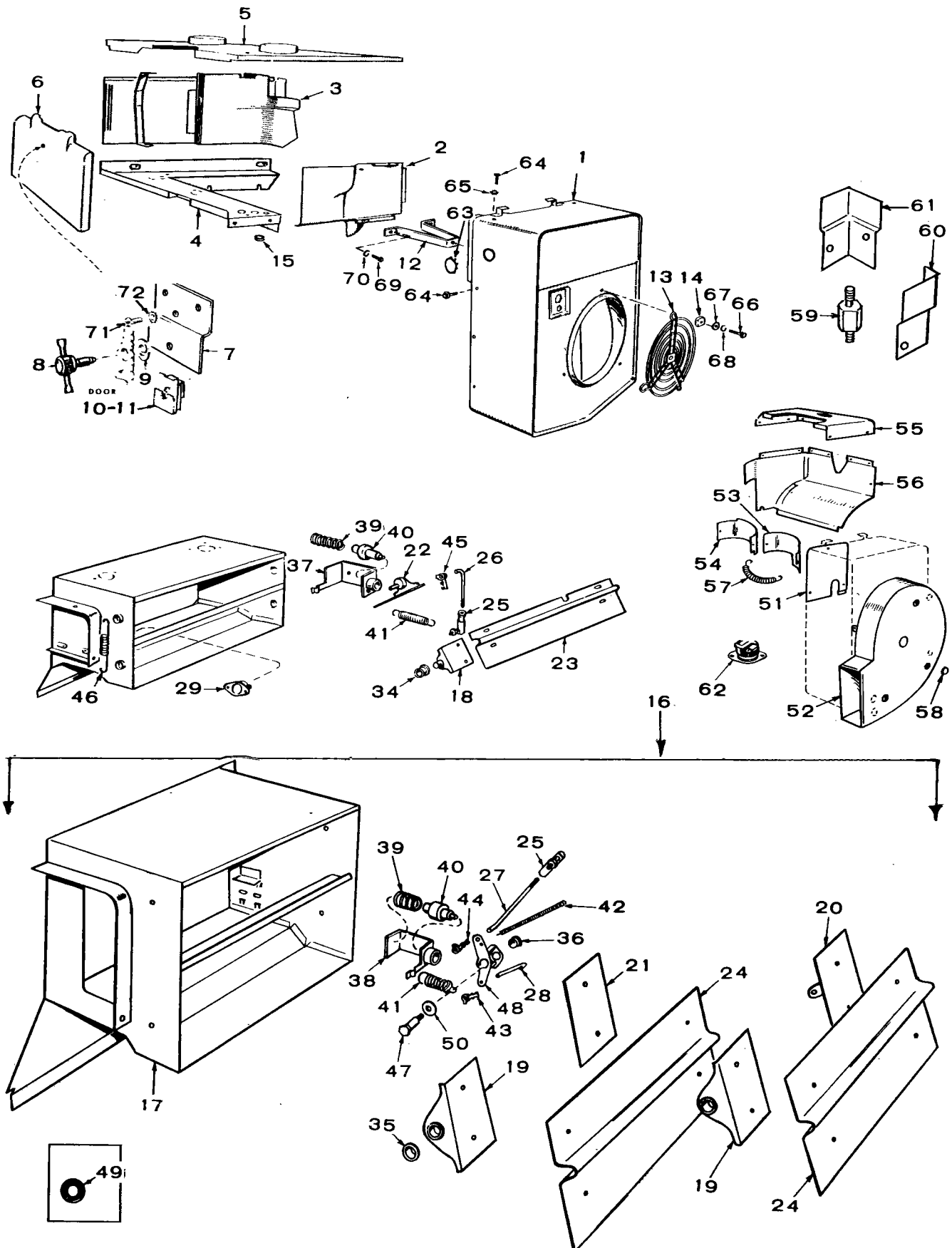
START-DISCONNECT PLATE AND STOP SOLENOID



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-0496	1	Plate
2	309-0134	1	Switch Assembly
3	309-0152	1	Plunger, Switch
4	160-0382	1	Diaphragm, Switch Plunger
5	160-0720	1	Spacer, Switch Plate
6	160-0721	1	Gasket, Plate
7	191-0392	1	Cover, Switch Plate
8	191-0388	1	Control Assembly, Switch
9	160-0711	2	Spring, Weight (Included in Switch Control Assembly)
10	160-0806	1	Disc, Thrust Plunger
11	160-0774	1	Plunger, Thrust
12	160-0773	1	Spring, Thrust Plunger
13	SOLENOID, STOPPING		
	307-0628	1	12 Volt
	307-0668	1	24 Volt (Optional)
14	306-0162	1	Retainer, Solenoid Plunger
15	306-0161	1	Spring, Solenoid Plunger
16	306-0159	1	Plunger, Solenoid
17	518-0203	1	Ring, Snap - Spring Retaining
18	336-0706	1	Lead, Ground - Solenoid
19	338-0258	1	Harness, Wiring - Switch Plate to Control
20	336-1347	1	Lead, Solenoid to Control
21	306-0158	1	Bracket, Solenoid Mounting - Vacu-Flo Cooled Sets
22	850-0050	2	Washer, Lock (3/8") - Plate Mounting
23	800-0052	2	Screw, Hex Cap - Plate Mounting (3/8-16 x 1-1/2")
24	306-0242	1	Screw (1/4-20 x 1") - Plunger Adjustment
25	862-0001	1	Nut, Hex (1/4-20)
26	812-0150	2	Screw (1/4-20 x 5/8") - Solenoid Mounting
27	850-0040	2	Washer, Lock (1/4)
28	815-0201	2	Screw (8-32 x 3/8") - Switch Assembly to Plate
29	813-0107	1	Screw (10-32 x 1-1/4") - Cover Mounting



AIR HOUSING AND OPTIONAL SHUTTER



AIR HOUSING AND OPTIONAL SHUTTER

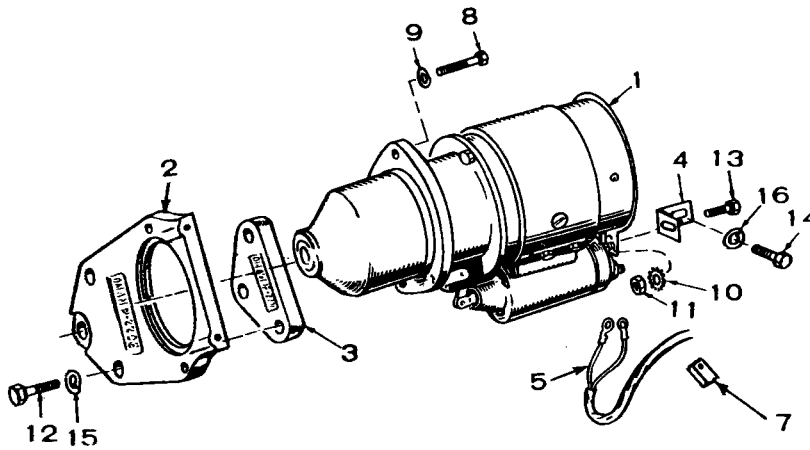
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	HOUSING, BLOWER			44	518-0006	2	*Clip, Rod (L.H.)
	134-1087	1	Pressure Cooled Sets	45	518-0006	1	£Clip, Rod (L.H.)
	134-1325	1	Vacu-Flo Cooled Sets	46	134-1437	2	£Spring, Shutter Pivot
2	134-1048	1	**Housing, Cylinder Air - Front	47	134-1605	1	*Shaft, Actuating Arm
3	134-1051	1	**Housing, Cylinder Air - Rear	48	134-1604	1	*Arm, Actuating
4	134-1419	1	**Panel, Cylinder Air Housing - Bottom	49	508-0002	1	£*Grommet
5	134-1125	1	**Cover, Cylinder Air Housing	50	526-0213	1	*Washer, Actuating Shaft
6	134-1039	1	*Panel, Air Housing Door	51	134-1416	1	Cover, Governor Access - Vacu-Flo Cooled Sets
7	134-1554	1	**Bracket, Air Housing Door Panel	52	134-1584	1	Scroll Assembly - Vacu-Flo Cooling (Includes Sealing Strip, Guard and Guard Mounting Screws)
8	134-1373	1	**Screw, Door				Strip Sealing (40")
9	134-1180	2	**Washer, Door (Early Models Use Qty. of 8 for Top Cover)		895-0126	1	Guard
10	870-0194	5	**J-Clip, Door Panel & Cover		134-3081	1	Screw, Sheet Metal - Hex Head With ET (#10 x 1/2")
11	870-0178	2	U-Clip, Housing - (Vacu-Flo Cooled Sets Use Qty. of 6)		815-0421	4	Shroud, Cylinder, #1 (Front) - Vacu-Flo Cooled Sets
12	SUPPORT, BLOWER HOUSING AND GRILLE			53	134-1109	1	Shroud, Cylinder, #2 (Rear) - Vacu-Flo Cooled Sets
	134-1088	1	Pressure Cooled Sets	54	134-1337	1	Cover, Cylinder Shroud - Vacu-Flo Cooled Sets
	134-1085	1	Vacu-Flo Cooled Sets	55	134-1327	1	Wrapper, Shroud - Vacu-Flo Cooled Sets
13	134-1178	1	**Grille	56	134-1328	1	Spring, Shroud - Vacu-Flo Cooled Sets
14	134-1092	3	**Retainer, Grille	57	134-0944	2	Plug, Dot Button - Vacu-Flo Cooled Sets
15	508-0005	2	**Grommet, Bottom Housing Panel	58	517-0021	3	Spacer, Cylinder Shroud Cover - Vacu-Flo Cooled Sets
16	134-1811	1	Shutter Assembly, Air (Includes Parts Marked *) - Optional	59	134-1463	2	Cover, Nozzle (Front) - Vacu-Flo Cooled Sets
17	134-1804	1	*Duct Only, Air Outlet (NOTE: Cannot be used on early model shutter assembly with external shutter pivot springs)	60	134-1462	1	Cover, Nozzle (Rear) - Vacu-Flo Cooled Sets
18	134-1242	3	£Bracket and Pivot, Shutter	61	134-1461	1	Switch, Hi-Temp. (Mounts on Scroll) - Vacu-Flo Cooled Sets - Optional
19	134-2411	2	*Bracket and Pivot, Shutter	62	309-0162	1	Plug, Dot Button, Governor Adjustment Hole in Blower Housing - Begin Spec R
20	134-1802	1	*Bracket & Pivot, Shutter & Rod	64	SCREW, BLOWER HOUSING MOUNTING		
21	134-1801	1	*Bracket & Pivot, Shutter and Spring		815-0235	6	1/4-20 x 5/8"
22	134-1238	1	£Bracket Assembly, Shaft and Pin - Shutter		821-0014	8	5/16-18 x 1/2"
23	134-1252	2	£Shutter, Air Outlet	65	854-0014	6	Washer, Lock (1/4-Shakeproof)
24	134-1807	2	*Shutter, Air Outlet	66	800-0027	3	Screw (5/16-18 x 7/8") - Grille to Blower Housing
25	150-1358	1	£*Joint, Ball	67	526-0115	3	Washer, Flat (5/16)
26	134-1247	1	£Rod, Shutter Control	68	850-0045	3	Washer, Lock (5/16)
27	134-1606	1	*Rod, Shutter Control - Upper	69	800-0024	2	Screw (5/16-18 x 1/2") - Support Mounting
28	134-1607	1	*Rod, Shutter Control - Lower	70	850-0045	2	Washer, Lock (5/16")
29	309-0162	1	Switch, Hi-Temp. - Mounts on Air duct Spec A thru N Pressure Cooled Sets, Mounts on Scroll Vacu-Flo sets - (Optional)	71	813-0098	1	Screw (10-32 x 3/8") - Bracket Mounting
34	134-1248	4	£Bearing, Shutter	72	853-0008	1	Washer, Shakeproof (#10)
35	134-2900	4	*Bearing, Shutter				
36	134-1248	2	*Bearing, Actuating Arm				
37	134-1244	1	£Bracket & Guide, Vernatherm				
38	134-1610	1	*Bracket & Guide, Vernatherm				
39	134-0656	1	£*Spring, Vernatherm Element				
40	309-0085	1	£*Element, Vernatherm				
41	134-0658	1	£*Spring, Shutter Return - Lower				
42	134-1817	1	*Spring, Shutter Return - Upper				
43	518-0004	1	*Clip, Rod (R.H.)				

*-Included in Air Shutter Assembly

** -These parts are for Pressure Cooled sets only.

£-These parts apply to the early model shutters, with external shutter pivot springs.

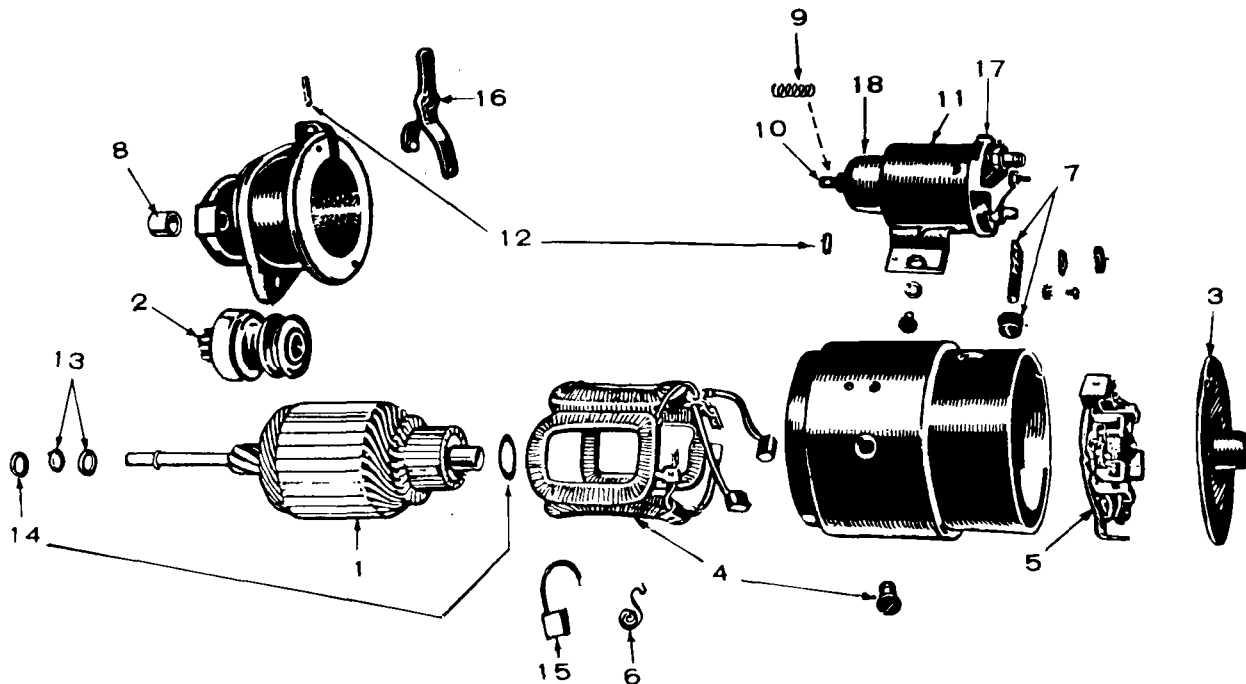
AUTOMOTIVE STARTER



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	*MOTOR, STARTER		
	191-0324	1	12 Volt
	191-0443	1	24 Volt (Optional)
2	191-0512	1	Flange, Starter Mounting
3	191-0311	1	Spacer, Starter Flange
4	191-0365	1	Bracket, Support
5	338-0279	1	Harness, Starter to Control
7	416-0096	2	Clamp, Harness
8	800-0051	2	Screw, Hex Cap - Starter Motor to Flange
9	850-0050	2	Washer, Lock - Starter Motor to Flange
10	856-0010	1	Washer, Shakeproof - Bracket to Starter Motor
11	864-0003	1	Nut, Hex - Support Bracket to Starter Motor
12	800-0054	3	Screw, Hex Cap - Starter Motor Flange Mounting (3/8-16 x 2)
13	800-0046	1	Screw, Hex Cap - Support Bracket to Starter Motor (3/8-16 x 1/2")
14	800-0052	2	Screw, Hex Cap - Support Mounting (3/8-16 x 1-1/2")
15	850-0050	3	Washer, Lock - Starter Motor Flange Mounting (3/8")
16	850-0050	2	Washer, Lock - Support Mounting (3/8")

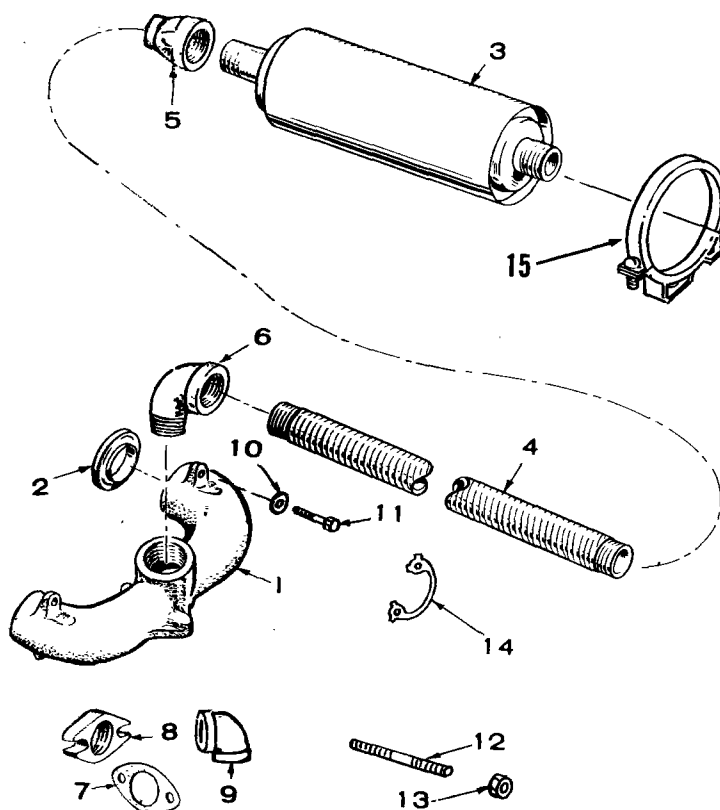
* - See Separate Group for Starter Breakdown.

STARTER MOTOR PARTS



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	MOTOR, STARTER		
	191-0324	1	12 Volt
	191-0443	1	24 Volt (optional)
1	ARMATURE		
	191-0712	1	12 Volt
	191-0713	1	24 Volt (optional)
2	191-0432	1	Clutch
3	191-1023	1	Head Assembly, Commutator End
4	COIL PACKAGE, FIELD		
	191-1024	1	12 Volt
	191-1043	1	24 Volt (optional)
5	PLATE ASSEMBLY, BRUSH		
	191-1025	1	12 Volt
	191-1042	1	24 Volt (optional)
6	191-1020	1	Spring Set, Brush. (Set of 4)
7	191-1026	1	Connector Package
8	191-0497	1	Bearing (Bronze), Drive End
9	191-1027	1	Spring, Plunger
10	191-1028	1	Core Assembly, Moving
11	SWITCH, SOLENOID		
	191-0433	1	12 Volt
	191-0715	1	24 Volt (optional)
12	191-1029	1	Yoke Parts Package
13	191-1030	1	Stop and Lock Ring Package, Pinion
14	191-1031	1	Thrust Washer Package, Armature (Use as Required)
15	BRUSH SET, SERVICE		
	191-0434	1	12 Volt
	191-0714	1	24 Volt (optional)
16	191-1032	1	Yoke
17	191-0468	1	Cover, Solenoid (For 191-0324 Starter Only)
18	191-1134	1	Boot, Rubber - Solenoid (Part of Moving Core Assembly)

MANIFOLD AND EXHAUST

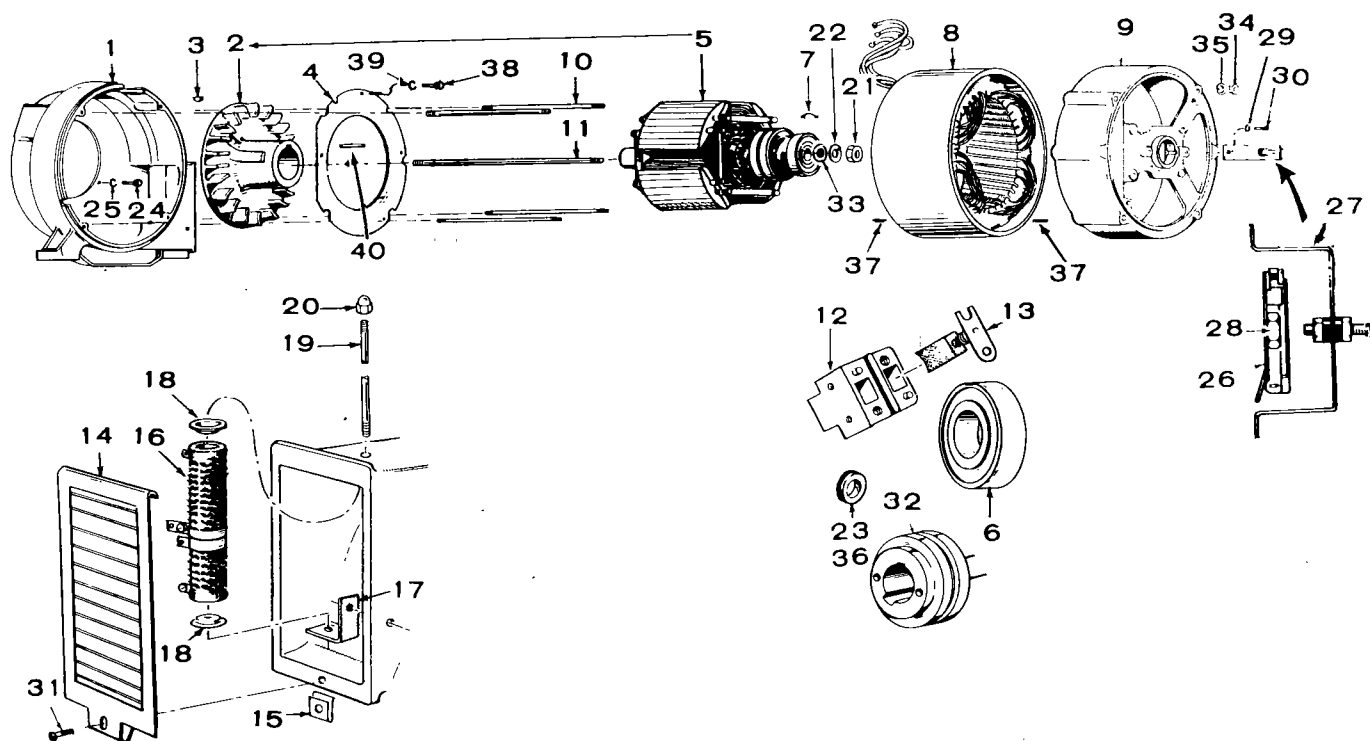


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	155-1898	1	Package Exhaust - Critical Muffler (Includes Parts Marked *)
1	MANIFOLD, EXHAUST		
	154-0633	1	Vertical Outlet
	154-0695	1	Vacu-Flo Cooled Sets - Also Pressure Cooled Sets with Horizontal Outlets
2	154-0463	2	Gasket, Manifold
3	MUFFLER, EXHAUST		
	155-0330	1	1-1/4" Inlet and Outlet Housed Sets
	155-0456	1	Standard - 1-1/2" Inlet and Outlet
	155-0360	1	Critical - 1-1/2" Inlet and Outlet
4	TUBE, EXHAUST (Flexible)		
	155-0492	1	1-1/4" x 36" Housed Sets
	155-0849	1	Standard - 1-1/4" x 10-1/4"
	155-0951	1	* Critical Muffler - 1-1/4" x 11-3/4"
5	COUPLING, PIPE		
	505-0031	1	1-1/4
	505-0036	1	Reducing (1-1/2 x 1-1/4) - Housed Sets

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
6	505-0186	1	Elbow, Street (1-1/4 x 90°)
7	154-0133	1	Gasket, Outlet - Vacu-Flo Cooled Sets
8	155-0170	1	Flange - Vacu-Flo Cooled Sets
9	ELBOW - 90° (Housed Sets)		
	505-0043	1	* 1-1/2"
	505-0183	1	* 1-1/2" to 1-1/4" - Reducer
10	526-0045	4	Washer, Flat (5/16")
11	114-0022	4	Screw, Hex Cap (5/16-18 x 1-3/4") - Begin Spec P
12	520-0608	4	Stud (5/16" x 2-1/4") - Spec A through N
13	110-0445	4	Nut, Hex (5/16-24) - Spec A through N
14	154-1665	2	Locktabs, Exhaust Manifold
15	140-0078	2	* Clamp, Mounting - Critical Muffler

* - Parts included in 155-1898 Critical Muffler Exhaust Package

GENERATOR - ALTERNATOR PORTION - SPEC A THROUGH Z

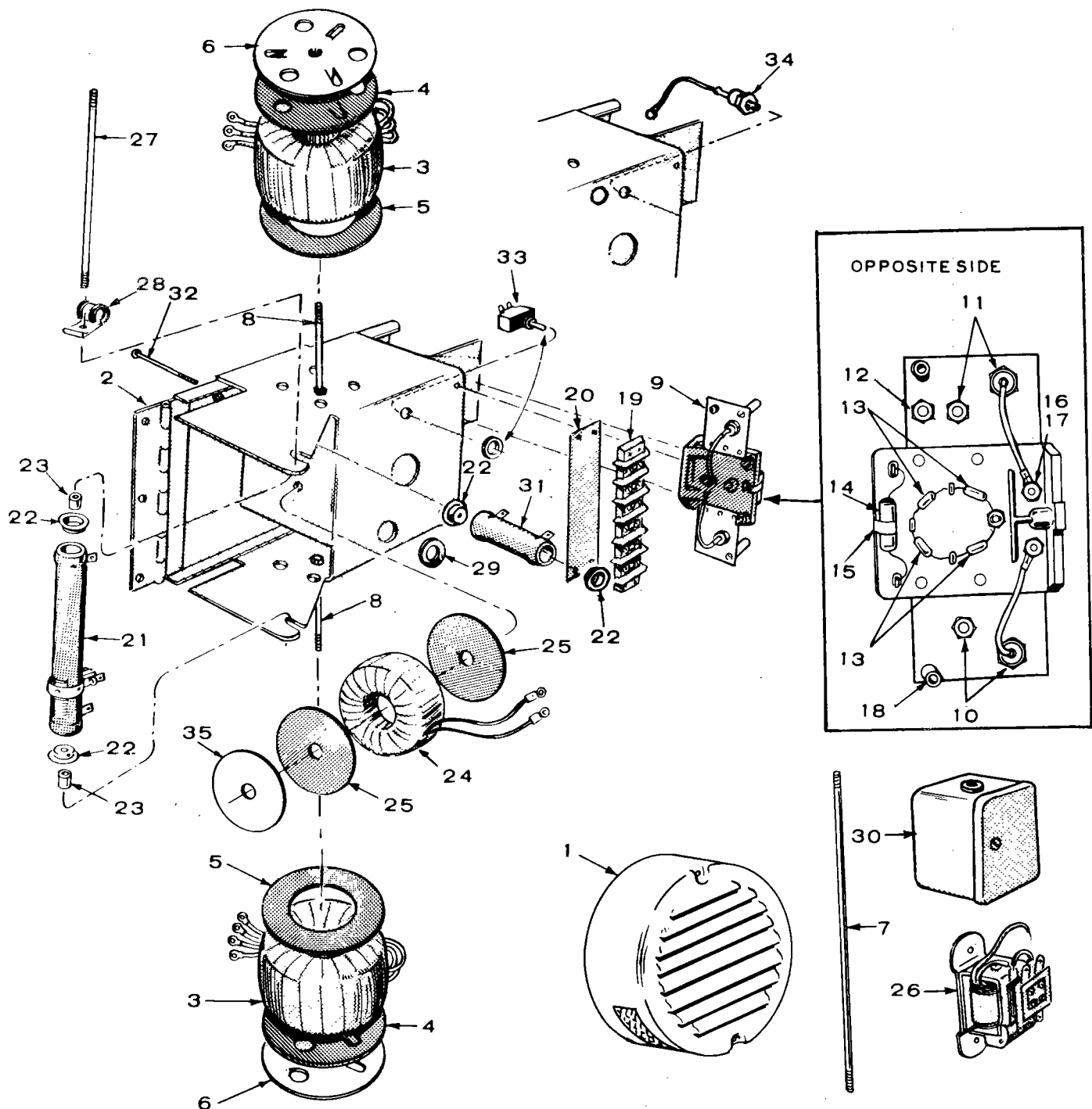


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	ADAPTER, ENGINE TO GENERATOR		
	231-0099	1	Spec A through G
	231-0111	1	Spec H through Z
2	205-0064	1	Blower, Generator
3	515-0006	1	Key, Blower to Crankshaft
4	234-0162	1	Baffle, Generator Air
5	201-1123	1	Rotor Assembly, Wound (Includes Bearings & Blower)
6	510-0047	1	Bearing, Rotor
7	232-0596	1	Clip, Bearing
8	*	1	Stator Assembly, Wound
9	BELL, END-ALTERNATOR TO EXCITER		
	211-0146	1	50 Hertz Sets
			60 Hertz Sets
	211-0138	1	Spec A through G
	211-0146	1	Spec H through Z
	211-0152	1	Sets with Overspeed Switch
10	STUD, GENERATOR THROUGH		
	520-0637	4	50 Hertz Sets
			60 Hertz Sets
	520-0605	4	Unhoused Sets, Except Sets with Overspeed Switch
	520-0637	4	Housed Sets (Also Unhoused Sets with Overspeed Switch)
11	520-0611	1	Stud, Rotor Through
12	212-1064	2	Block, Collector Ring Brush
13	214-0059	4	Brush, Collector Ring
14	234-0172	1	Cover, Air Outlet
15	870-0177	1	Clip, Air Outlet Cover
16	304-0500	1	Resistor, Tapped Adjustable
17	232-1565	1	Bracket, Resistor Mounting
18	304-0006	2	Washer, Resistor Centering
19	520-0620	1	Stud, Resistor Mounting
20	866-0001	1	Nut, Resistor Mounting
21	870-0203	1	Nut, Rotor Stud
22	232-0200	1	Washer, Rotor Stud
23	508-0095	1	Grommet, Rubber - Air Baffle

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
24	SCREW, HEX CAP - ADAPTER MOUNTING		
	800-0050	2	3/8-16 x 1"
	800-0051	2	3/8-16 x 1-1/4"
25	850-0050	4	Washer, Lock (3/8")
26	150-0956	1	Switch Assembly, Overspeed - Optional
27	150-0958	1	Bracket & Point Assembly, Overspeed - Optional
28	868-0004	1	Nut, Jam (7/16-20) - Switch Mounting
29	850-0030	2	Washer, Lock (#10)
30	813-0100	2	Screw (10-32 x 1/2") - Bracket Mounting
31	809-0046	1	Screw, Round Head - Air Outlet Cover Mounting
32	204-0061	1	Collector Ring
33	850-0055	1	Washer, Lock (7/16")
34	862-0015	4	Nut, Hex (5/16-18) - Generator Through Stud
35	850-0045	4	Washer, Lock (5/16")
36	508-0112	1	Grommet, Rubber - Lead Out
37	516-0083	2	Pin, Roll (3/16 x 5/8") - Generator Frame
38	813-0098	5	Screw (10-32 x 5/8") - Air Baffle Mounting
39	850-0030	5	Washer, Lock (#10)
40	515-0103	1	Key, Blower to Rotor (Included in Rotor Assembly)

* - Refer to Factory, giving complete Model, Spec and Serial Number.

GENERATOR-EXCITER PORTION—SPEC A THROUGH Z



NOTE: 02SX1N1A used on 60 hertz sets Spec A and B.
 04SX1N1A used on 60 hertz sets Spec C thru G (unhoused and sets without overspeed switch).
 04SX1N1B used on 60 hertz sets Spec H (also housed sets, sets with overspeed switch and contractors models, Spec C thru G).
 04SX1N3B used on 60 hertz sets Spec P through Z.
 06SX51N1B used on 50 hertz sets Spec A thru N.
 06SX51N3B used on 50 hertz sets Spec P through Z.

check set nameplate for Magneciter number and use correct column.

GENERATOR - EXCITER PORTION — SPEC A THROUGH Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED										
			A	B	C	D	E	F	G	H	J	K	
		02SX1N1A Use Column A	X										
		04SX1N1A Use Column B		X									
		04SX1N1B Use Column C			X								
		04SX1N3B Use Column D				X							
		06SX1N1A Use Column E					X						
		06SX1N1B Use Column F						X					
		06SX1N3B Use Column G							X				
		06SX51N1A Use Column H								X			
		06SX51N1B Use Column J									X		
		06SX51N3B Use Column K										X	
	209-0001	Exciter, Complete (Less Cover)	1										
	209-0002	Exciter, Complete (Less Cover)		1									
	209-0003	Exciter, Complete (Less Cover)			1								
	209-0005	Exciter, Complete (Less Cover)				1							
	209-0007	Exciter, Complete (Less Cover)					1						
	209-0008	Exciter, Complete (Less Cover)						1					
	209-0010	Exciter, Complete (Less Cover)							1				
	209-0011	Exciter, Complete (Less Cover)								1			
	209-0012	Exciter, Complete (Less Cover)									1		
	209-0013	Exciter, Complete (Less Cover)										1	
1	234-0154	• Cover, Exciter	1	1			1			1			
1	234-0185	• Cover, Exciter			1	1		1	1		1	1	
2	234-0153	Panel Only, Exciter	1	1			1			1			
2	234-0188	Panel Only, Exciter			1	1		1	1		1	1	
3	315-0084	Reactor, Gate	2										
3	315-0099	Reactor, Gate		2	2	2							
3	315-0102	Reactor, Gate					2	2	2				
3	315-0104	Reactor, Gate								2	2	2	
4	232-1553	Gasket, Gate Reactor Mounting - Outer	2	2	2	2		2	2		2	2	
4	232-1608	Gasket, Gate Reactor Mounting - Outer					2			2			
5	232-1551	Gasket, Gate Reactor Mounting - Inner	2	2	2	2	2	2	2	2	2	2	
6	232-1552	Retainer, Gate Reactor	2	2	2	2		2	2		2	2	
6	234-0191	Retainer, Gate Reactor					2			2			
7	520-0211	Stud, Gate Reactor Mounting	1	1			1			1			
8	800-0013	Screw, Cap - Hex Head (1/4-20 x 2-1/2")			2	2							
8	800-0015	Screw, Cap - Hex Head (1/4-20 x 3")						2	2		2	2	
9	305-0259	Rectifier Assembly (Includes Parts Marked †)	1	1	1								
9	305-0387	Rectifier Assembly (Includes Parts Marked Δ)				1							
9	305-0264	Rectifier Assembly (Includes Parts Marked *)					1	1		1	1		
9	305-0388	Rectifier Assembly (Includes Parts Marked £)							1			1	
10	305-0238	†Δ*£ Rectifier Only, Power Field (Negative)	2	2	2	2	2	2	2	2	2	2	
11	305-0239	†Δ*£ Rectifier Only, Power Field (Positive)	2	2	2	2	2	2	2	2	2	2	
12	305-0239	Δ£ Rectifier Only, Field Flash				1			1			1	
13	305-0240	†Δ*£ Rectifier, Voltage Control	4	4	4	4	4	4	4	4	4	4	

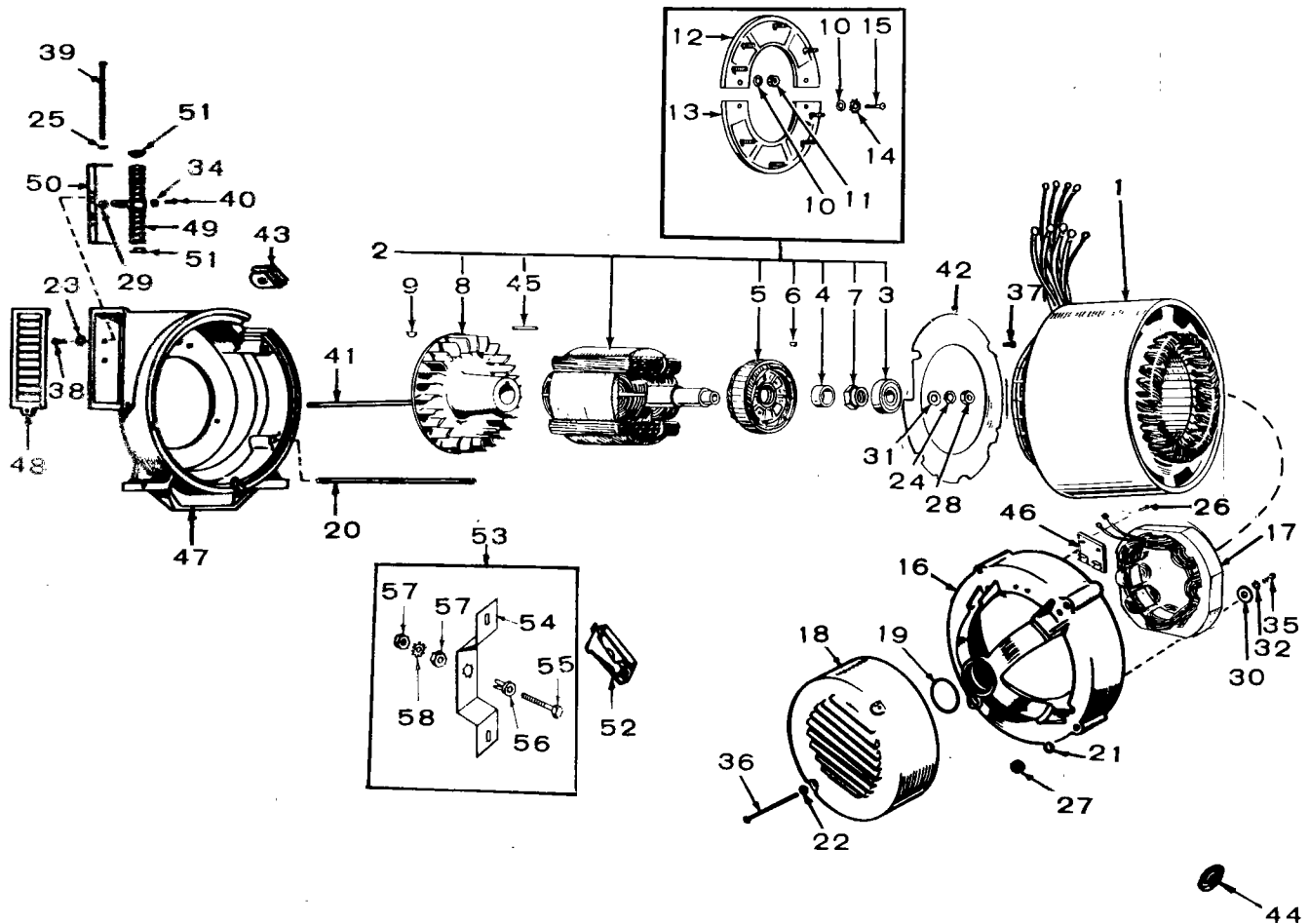
GENERATOR - EXCITER PORTION — SPEC A THROUGH Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED									
			A	B	C	D	E	F	G	H	J	K
14	304-0476	†ΔResistor (500-Ohm, 5 Watt)	1	1	1	1						
14	304-0512	*£Resistor (150-Ohm, 50 Watt)					1	1	1	1	1	1
15	304-0498	†Δ*£Clip, Resistor Mounting	1	1	1	1	1	1	1	1	1	1
16	332-0697	†Δ*£Stud, Terminal (Flat Head)	2	2	2	2	2	2	2	2	2	2
17	332-0698	†Δ*£Stud, Terminal (Extended Slotted Head)	1	1	1	1	1	1	1	1	1	1
18	870-0196	†Δ*£Fastener (Compression Type)	2	2	2	2	2	2	2	2	2	2
19	332-0699	Block, Terminal	1	1			1			1		
19	332-0745	Block, Terminal			1	1		1	1		1	1
20	332-0700	Strip, Block Marker	1									
20	332-0738	Strip, Block Marker		1			1			1		
20	332-0746	Strip, Block Marker			1			1			1	
20	332-0925	Strip, Block Marker				1			1			1
21	304-0489	Resistor, Fixed (200-Ohm, 50 Watt)	1									
21	304-0511	Resistor, Tapped - 500-Ohm (425 Fixed, 75 Adj.)		1			1			1		
21	304-0527	Resistor, Tapped - 500-Ohm (425 Fixed, 75 Adj.)			1	1		1	1		1	1
22	304-0015	Washer, Centering - Resistor	2	4	4	4	4	4	4	4	4	4
23	232-1473	Spacer, Resistor Mounting	2									
23	232-1550	Spacer, Resistor Mounting		2			2			2		
23	232-1474	Spacer, Resistor Mounting			2	2		2	2		2	2
24	315-0085	Reactor, Voltage Control	1									
24	315-0100	Reactor, Voltage Control		1	1	1	1	1	1			
24	315-0105	Reactor, Voltage Control								1	1	1
25	232-1548	Gasket, Voltage Control Reactor	2	2	2	2	2	2	2	2	2	2
26	307-0584	Relay, Field Build-Up	1									
27	520-0641	Stud, Tapped Resistor Mounting	1		1	1		1	1		1	1
27	812-0116	Screw, Tapped Resistor Mounting (RHMS #10-24 x 4-1/2")		1			1			1		
28	332-0050	Clip, Loop	1	1			1			1		
28	332-0052	Clip, Loop			1	1		1	1		1	1
29	508-0008	Grommet, Rubber (For 7/8" Hole)	1	1	1	1	1	1	1	1	1	1
30	307-0643	Cover, Field Relay	1									
31	304-0510	Resistor, Fixed (250-Ohm, 25 Watt)		1	1	1	1	1	1	1	1	1
32	813-0112	Screw, Fixed Resistor Mounting (RHMS #10-32 x 2-1/2")		1	1	1	1	1	1	1	1	1
33	308-0175	Switch, Residual Reset			1			1			1	
34	305-0238	Rectifier, Power Field - Negative				1			1			1
35	526-0173	Washer, Retainer - Voltage Control Reactor	1	1	1	1	1	1	1	1	1	1
ASSOCIATED HARDWARE (NOT ILLUSTRATED)												
		SCREW, MACHINE - ROUND HEAD										
	812-0156	1/4-20 x 1-1/2"										
	813-0101	#10-32 x 9/16"										
	811-0098	#10-32 x 3/8" (Brass)										
	813-0098	#10-32 x 3/8"										
	815-0190	#8-32 x 3/8"										
	815-0198	#8-32 x 5/8"										
	815-0001	Screw, Machine - Binder Head (Brass) (#6-32 x 1/4")										

GENERATOR - EXCITER PORTION — SPEC A THROUGH Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED									
			A	B	C	D	E	F	G	H	J	K
		WASHER, FLAT										
	526-0003	11/64" ID x 3/8" OD x 1/32" Thk				As	Required					
	526-0048	.172" ID x 3/8" OD x 1/32" Thk				As	Required					
	526-0049	.200" ID x 7/16" OD x 1/32" Thk				As	Required					
	526-0179	7/32" ID x 5/8" OD x 1/16" Thk				As	Required					
		WASHER, LOCK - SPRING										
	850-0030	#10				As	Required					
	850-0040	1/4"				As	Required					
	853-0005	Washer, Lock - ET				As	Required					
		WASHER, LOCK - IT										
	854-0007	#8				As	Required					
	854-0010	#10				As	Required					
	854-0014	1/4"				As	Required					
		NUT, HEX										
	860-0008	#8-32				As	Required					
	860-0011	#10-24				As	Required					
	862-0001	1/4-20				As	Required					
	870-0053	#10-32				As	Required					
	871-0005	#6-32 (Brass)				As	Required					
	871-0007	#8-32 (Brass)				As	Required					
	871-0010	#10-32 (Brass)				As	Required					
		• - Use 234-0223 cover for housed sets.										
		† - Parts included in 305-0259 Rectifier Assembly.										
		Δ - Parts included in 305-0387 Rectifier Assembly.										
		* - Parts included in 305-0264 Rectifier Assembly.										
		£ - Parts included in 305-0388 Rectifier Assembly.										

GENERATOR -BEGIN SPEC AA



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	STATOR, WOUND		
	220-2022	1	1 Phase, 50 Hertz (AC) - 12 Volt (DC)
	220-2204	1	1 Phase, 50 Hertz (AC) - 24 Volt (DC)
	220-2229	1	1 Phase, 50 Hertz (AC) - 32 Volt (DC)
	220-2014	1	1 Phase, 60 Hertz (AC) - 12 Volt (DC)
	220-2196	1	1 Phase, 60 Hertz (AC) - 24 Volt (DC)
	220-2221	1	1 Phase, 60 Hertz (AC) - 32 Volt (DC)
	220-2047	1	3 Phase, 50 Hertz (AC) - 12 Volt (DC)
	220-2154	1	3 Phase, 50 Hertz (AC) - 24 Volt (DC)
	220-2179	1	3 Phase, 50 Hertz (AC) - 32 Volt (DC)
	220-2039	1	3 Phase, 60 Hertz (AC) - 12 Volt (DC)
	220-2146	1	3 Phase, 60 Hertz (AC) - 24 Volt (DC)
	220-2171	1	3 Phase, 60 Hertz (AC) - 32 Volt (DC)
2	201-2154	1	Rotor Assembly, Wound - Includes Parts Marked +
3	510-0112	1	+Bearing, Rotor
4	232-2398	1	+Spacer, Bearing
5	201-2151	1	+Rotor, Wound - Exciter
6	515-0094	1	+Key, Exciter Rotor
7	870-0284	1	+Nut, Exciter Rotor Locking
8	205-0105	1	+Fan, Generator
9	515-0006	1	Key, Fan to Crankshaft
10	526-0008	12	+Washer, Flat
11	870-0131	8	+Nut, Hex (#10-32)
12	358-0069	1	+Rectifier Assembly (Positive)
13	358-0070	1	+Rectifier Assembly (Negative)
14	853-0008	4	+Washer, Shakeproof (#10)
15	813-0100	4	+Screw, Round Head (#10-32 x 1/2")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
16	211-0237	1	Bell, End
17	220-2009	1	Stator, Wound - Exciter
18	COVER, END BELL		
	234-0185	1	Unhooded Sets
	234-0223	1	Housed Sets
	234-0498	1	Housed and Unhooded Sets with Overspeed Switch
19	509-0094	1	Seal, Bearing ("O" Ring)
20	520-0794	4	Stud, Generator Through
21	850-0050	4	Washer, Lock - Generator Through Stud (3/8")
22	850-0040	2	Washer, Lock - End Bell Cover Mounting (1/4")
23	850-0040	2	Washer, Lock - Resistor Bracket Mounting (1/4")
24	850-0055	1	Washer, Lock - Rotor Through Stud (7/16")
25	850-0040	1	Washer, Lock - Resistor Through Screw (1/4")
26	815-0194	2	Screw, Hex Head W/ET - Board Mounting (10-32 x 3/8")
27	862-0011	4	Nut, Hex - Generator Through Stud (3/8-16)
28	870-0203	1	Nut, Hex - Rotor Through Stud (7/16-20)
29	871-0010	1	Nut, Hex - Resistor Tap (#10-32)

GENERATOR - BEGIN SPEC AA

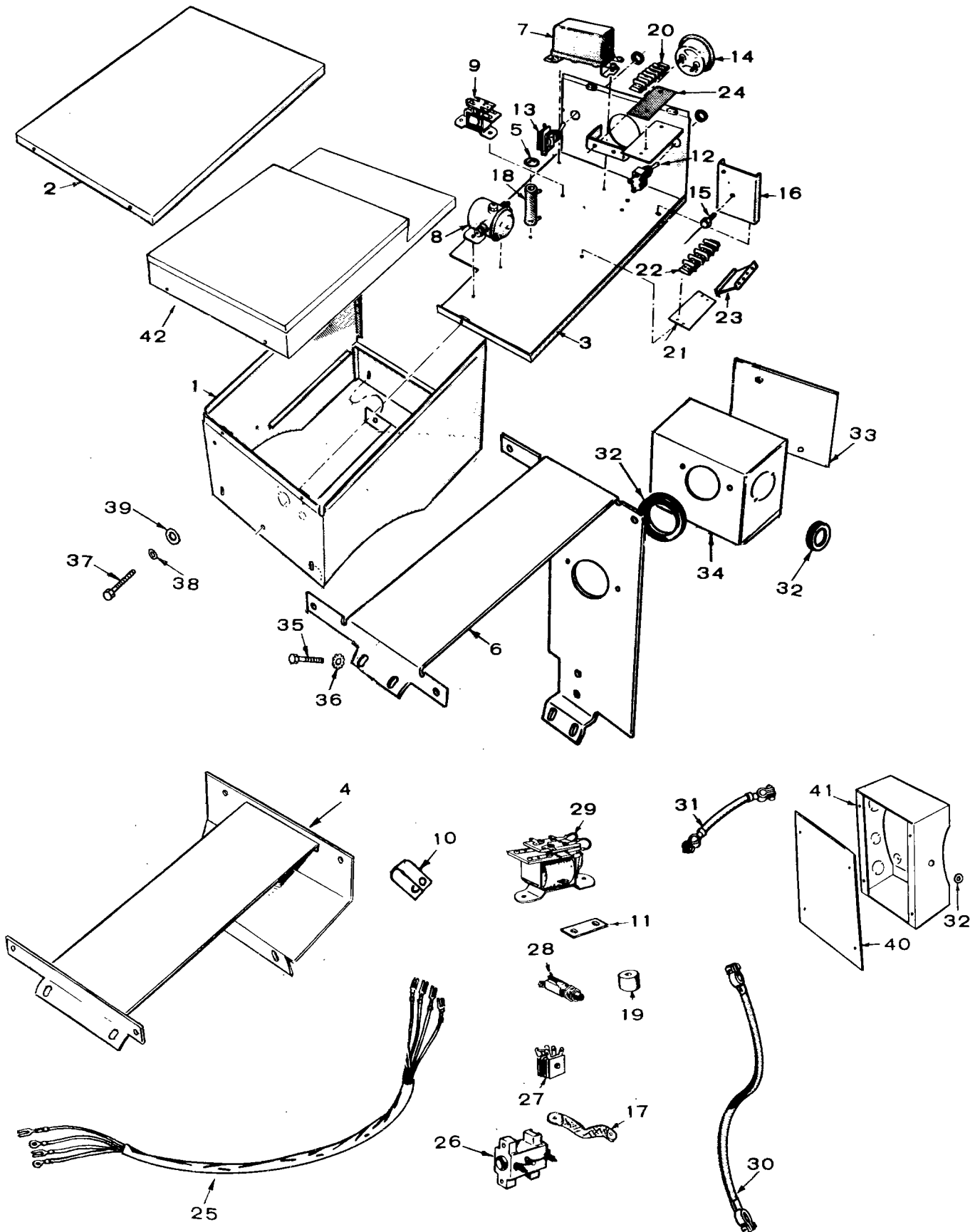
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
30	526-0260	2	Washer, Flat - Exciter Stator Mounting
31	232-0200	1	Washer, Flat - Rotor Through Stud
32	853-0013	2	Washer, Shakeproof - Exciter Stator Mounting (1/4")
34	856-0003	1	Washer, Shakeproof - Resistor Tap (#10)
35	800-0004	2	Screw, Hex Cap - Exciter Stator Mounting (1/4-20 x 5/8")
36	812-0165	2	Screw, Round Head - End Bell Cover Mounting (1/4-20 x 4-1/2")
37	815-0194	4	Screw, Hex Head W/ET Air Baffle Mounting (10-32 x 3/8")
38	800-0004	2	Screw, Round Head - Resistor Bracket Mounting (1/4-20 x 5/8")
39	812-0169	1	Screw, Round Head - Resistor Through (1/4-20 x 5-1/2")
40	811-0098	1	Screw, Round Head - Resistor Tap (#10-32 x 3/8")
41	520-0786	1	Stud, Rotor Through
42	234-0462	1	Baffle, Air
43	508-0112	1	Grommet, Rubber - 2-3/4 x 1-7/8" (Lead Outlet)
44	508-0095	1	Grommet, Rubber - 25/32 x 21/32"

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
45	515-0103	1	+Key, Fan to Rotor
46	232-2418	1	Board, Connection
47	231-0161	1	Adapter, Generator
48	234-0491	1	Cover, Air Outlet
49	RESISTOR, TAPPED (Adjustable)		
	304-0500	1	12 and 24 Volt DC
	304-0534	1	32 Volt DC
50	232-2399	1	Bracket, Resistor Mounting
51	304-0006	2	Washer, Centering - Resistor Mounting
52	150-0956	1	Switch Assembly, Overspeed - Optional
53	150-1446	1	Bracket and Point Assembly, Overspeed (Optional) - Includes Parts Marked **
54	150-1445	1	**Bracket, Overspeed Switch Mounting (Optional)
55	150-0723	1	**Point Assembly, Overspeed (Optional)
56	870-0250	1	**Nut, Insulator (1/4-20) - (Optional)
57	862-0001	2	**Nut, Hex (1/4-20) - Optional
58	853-0013	1	**Washer, Lock (External) - (1/4") - Optional

** - Included in 150-1446 Bracket and Point Assembly (Optional Equipment).

+ - Included in the Rotor Assembly.

CONTROL



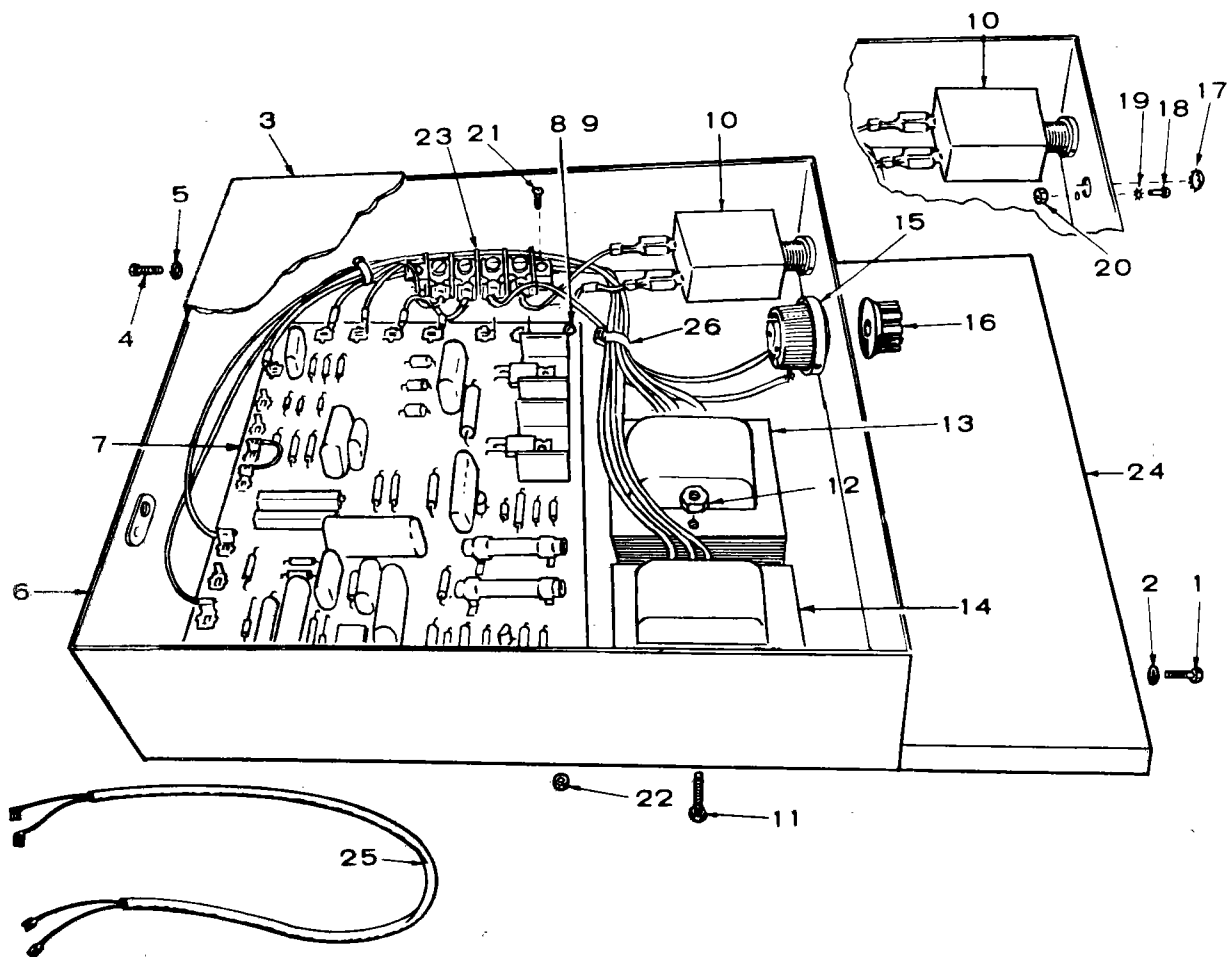
CONTROL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	301-1962	1	Box, Control	29	307-0614	1	Relay, Latching - Units with Low Oil Pressure Switch - Spec A through E
2	Cover						
	301-1963	1	Control Box - Spec A through Z	30	CABLE BATTERY		
	301-3714	1	Voltage Regulator - Begin Spec AA		416-0021	2	Unhoused Units (20-1/2")
3	PANEL, CONTROL				416-0050	2	Housed or Skid Mounted Units (36")
	301-1961	1	Standard Units	31	416-0133	1	Cable, Battery Jumper (7-1/2")
	301-2376	1	Units with Overspeed Cut-off Indicator Lamp	32	GROMMET, RUBBER		
4	301-1968	1	Bracket, Control Box Mounting - Spec A through Z		508-0117	1	1-3/8" Hole
5	304-0006	2	Washer, Resistor Centering		508-0001	1	1-1/16" Hole - Spec A thru Z
6	301-3683	1	Saddle, Control Box - Begin Spec AA		508-0183	1	1-3/4" Hole - Begin Spec AA
7	307-0597	1	Relay, Ignition Start - Spec A through Z	33	301-2466	1	Cover, Output Box - Begin Spec AA
8	RELAY, SOLENOID			34	301-2467	1	Box, Output - Begin Spec AA
	307-1046	2	Start and Manifold Heater (12 Volt DC) - Spec A through Z	35	815-0236	4	Screw, Bracket to Generator Frame (5/16-18 x 5/8")
	307-0061	2	Start and Manifold Heater (24 and 32 Volt DC) - Spec A through Z	36	856-0008	4	Washer, Lock - Bracket to Generator Frame (5/16")
	307-1046	1	Manifold Heater (12 Volt DC) - Begin Spec AA	37	800-0024	4	Screw, Hex Cap - Control Box to Bracket (5/16-18 x 1/2")
	307-0061	1	Manifold Heater (24 and 32 Volt DC) - Begin Spec AA	38	850-0045	4	Washer, Lock - Control Box to Bracket (5/16")
	307-0845	1	Start (12 Volt DC) - Begin Spec AA	39	526-0115	4	Washer, Flat - Control Box to Bracket (5/16")
	307-0875	1	Start (24 and 32 Volt DC) - Begin Spec AA	40	301-0856	1	Cover, Output Box - Spec A through Z
9	307-0623	1	Relay, Start Disconnect	41	301-1978	1	Box, Output - Spec A through Z
10	416-0096	2	Clamp, Harness	42	REGULATOR, VOLTAGE (See Separate Group for Components)		
11	332-0602	1	Jumper, Heater Solenoid to Start Solenoid				Spec AA and AB
12	308-0154	1	Switch, Start Stop		305-0589	1	Sets Without Voltage Adjustment
13	308-0037	1	Switch, Manifold Heater		305-0590	1	Sets With Voltage Adjustment
14	302-0446	1	Ammeter, Charge (5-0-5)				Begin Spec AC
15	RECTIFIER				305-0689	1	★ Sets Without Voltage Adjustment
	305-0235	1	For 12 and 24 Volt DC (10 Amp, 100 Volt)		305-0690	1	★ Sets With Voltage Adjustment
	358-0015	1	For 32 Volt DC (12 Amp, 300 Volt)				
16	305-0254	1	Bracket, Rectifier				
17	STRAP, GROUND-CONTROL BOX						
	337-0052	1	Spec A through Z		6.0DJB-3CR/2495AC		H820630290
	337-0036	1	Begin Spec AA		6.0DJB-3CR/2495AC		H820630291
18	RESISTOR, FIXED				6.0DJB-3CR/2495AC		H820630292
	304-0032	1	15-Ohm, 10 Watt		6.0DJB-3CR/2495AC		H820630293
	304-0217	1	Units with Low Oil Pressure Switch - Begin Spec F (1-Ohm, 10 Watt)		6.0DJB-3CR/8100AC		I820632148
19	402-0078	4	Mount, Rubber - Control Box		6.0DJB-3CR/8100AC		I820632149
20	332-0604	1	Block, Terminal (5 Place)		6.0DJB-3CR/8100AC		J820635219
21	332-0739	1	Strip, Marker (4, 5, 6, 7, 8, 9)		6.0DJB-3CR/8388AC		I820632147
22	332-0706	1	Block, Terminal (8 Place) - Load		6.0DJB-3CR/8388AC		I820633534
23	332-0750	1	Marker Strip and Holder Kit, Polarity - Spec A thru N		6.0DJB-3CR/8388AC		J820635207
24	332-0616	1	Strip, Block Marker (B +, 1, 2, 3, H)		6.0DJB-3CR/8388AC		J820635208
25	HARNESS, WIRING - Housed Sets Only				6.0DJB-3CR/8388AC		J820635209
	338-0496	1	Control to Output Box		6.0DJB-3CR/8388AC		J820635210
	338-0939	1	Control to Housing Start/Stop		6.0DJB-3CR/8388AC		J820635211
26	320-0104	1	Switch, Emergency - Units with Low Oil Pressure Switch - Begin Spec F		6.0DJB-3CR/8388AC		J820635212
27	RECTIFIER, FULL WAVE - UNITS WITH LOW OIL PRESSURE SWITCH - SPEC A THROUGH E				6.0DJB-3CR/8388AC		J820635213
	305-0197	1	120/240 Volt, 120/208 Volt and 220/380 Volt Units		6.0DJB-3CR/8388AC		J820635214
	305-0235	1	277/480 Volt Units		6.0DJB-3CR/8388AC		J820635215
28	308-0091	1	Switch, Reset - Units with Low Oil Pressure Switch - Spec A through E		6.0DJB-3CR/8388AC		J820635216
					6.0DJB-3CR/8388AC		J820635217
					6.0DJB-3CR/8388AC		J820635218
					6.0DJB-3CR/16935AC		H820630294
					6.0DJB-3CR/16935AC		H820630295
					6.0DJB-3CR/16935AC		H820630296
					6.0DJB-3CR/16935AC		H820630297
					6.0DJB-3CR/16935AC		H820630298
					6.0DJB-3CR/23589AC		I820632150
					6.0DJB-3CR/23589AC		I820632151
					6.0DJB-3CR/23589AC		I820632152

★ - Listed below are the models and serial numbers of specific generator sets in Spec AC which were manufactured using the 305-0589 (Non-Adjustable) Voltage Regulator Assembly. This assembly uses the 300-1540 printed Voltage Regulator board. For the remaining component parts refer to the voltage regulator group for Spec AA and AB.

6.0DJB-3CR/2495AC	H820630290
6.0DJB-3CR/2495AC	H820630291
6.0DJB-3CR/2495AC	H820630292
6.0DJB-3CR/2495AC	H820630293
6.0DJB-3CR/8100AC	I820632148
6.0DJB-3CR/8100AC	I820632149
6.0DJB-3CR/8100AC	J820635219
6.0DJB-3CR/8388AC	I820632147
6.0DJB-3CR/8388AC	I820633534
6.0DJB-3CR/8388AC	J820635207
6.0DJB-3CR/8388AC	J820635208
6.0DJB-3CR/8388AC	J820635209
6.0DJB-3CR/8388AC	J820635210
6.0DJB-3CR/8388AC	J820635211
6.0DJB-3CR/8388AC	J820635212
6.0DJB-3CR/8388AC	J820635213
6.0DJB-3CR/8388AC	J820635214
6.0DJB-3CR/8388AC	J820635215
6.0DJB-3CR/8388AC	J820635216
6.0DJB-3CR/8388AC	J820635217
6.0DJB-3CR/8388AC	J820635218
6.0DJB-3CR/16935AC	H820630294
6.0DJB-3CR/16935AC	H820630295
6.0DJB-3CR/16935AC	H820630296
6.0DJB-3CR/16935AC	H820630297
6.0DJB-3CR/16935AC	H820630298
6.0DJB-3CR/23589AC	I820632150
6.0DJB-3CR/23589AC	I820632151
6.0DJB-3CR/23589AC	I820632152

VOLTAGE REGULATOR — SPEC AA AND AB



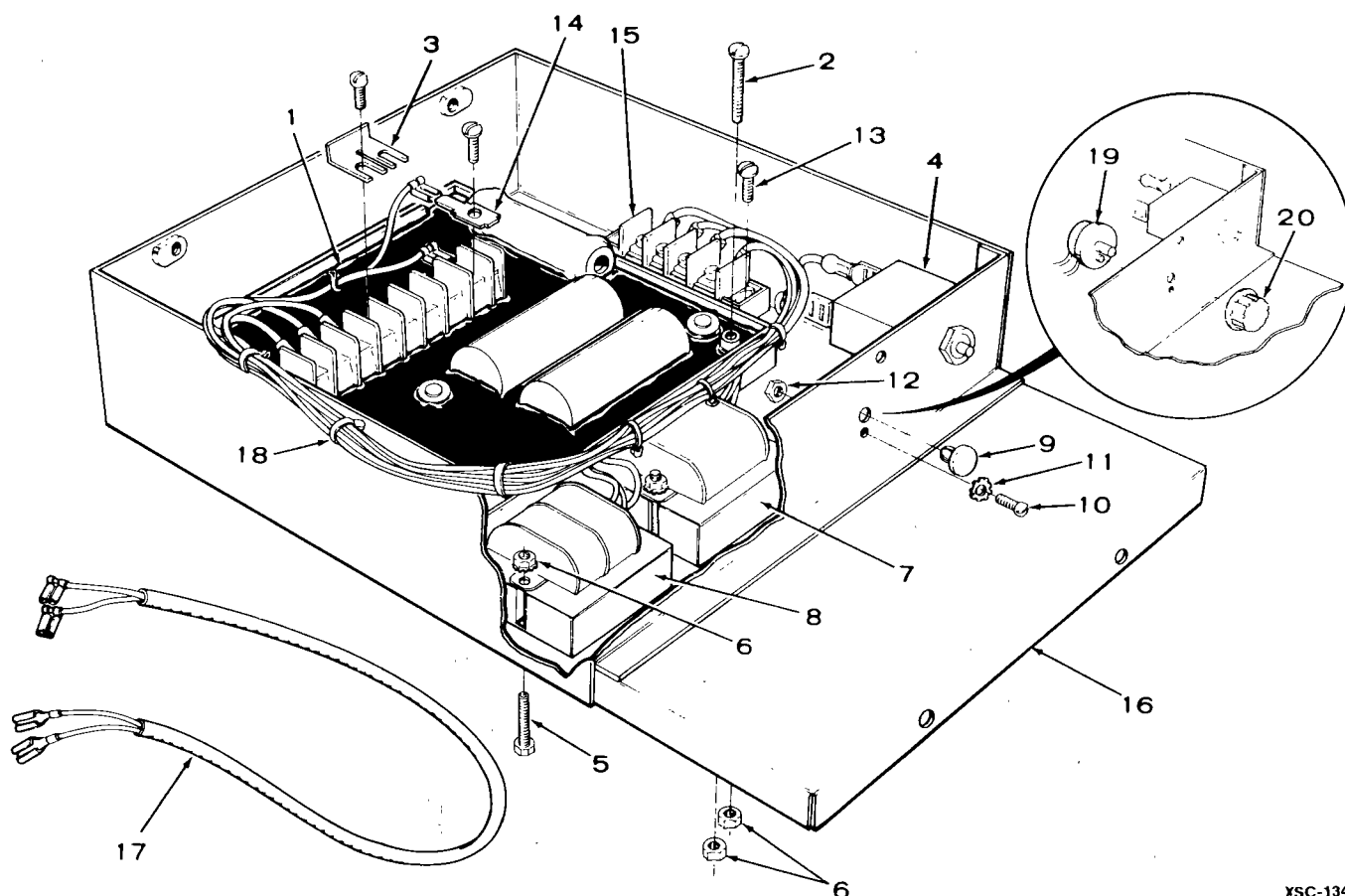
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	815-0263	4	Screw, Machine - Hex Head, Slotted (#10-32 x 3/8")
2	850-0030	4	Washer, Lock - Spring (#10)
3	301-3714	1	Cover, Voltage Regulator
4	815-0263	4	Screw, Machine - Hex Head, Slotted (#10-32 x 3/8")
5	850-0030	4	Washer, Lock - Spring (#10)
6	REGULATOR, VOLTAGE (Complete)		
	305-0589	1	Without Voltage Adjustment (Includes Parts Marked *)
	305-0590	1	With Voltage Adjustment (Includes Parts Marked †)
7	300-1540	1	*†Board, Voltage Regulator - Begin Spec AB (Replaces 300-1006 Board Used Begin Spec AA thorough Serial Number F760142041 During Spec AA and 300-1404 Board Begin Serial Number F760142042 During Spec AA Until Spec AB)
8	815-0190	4	*†Screw, Tapping - Round Head (#8-32 x 3/8")
9	853-0005	4	*†Washer, Lock - External Tooth (#8)
10	320-0505	1	*†Circuit Breaker (CB21)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	812-0070	4	*†Screw, Machine - Round Head (#6-32 x 1-1/4")
12	870-0183	4	*†Nut, Hex (#6-32)
13	315-0391	1	*†Reactor (CMR21)
14	315-0386	1	*†Transformer, Voltage (T21)
15	303-0103	1	†Rheostat (R21)
16	303-0194	1	†Knob
17	517-0045	1	*Plug, Dot Button
18	812-0027	1	*Screw, Machine - Round Head (#4-40 x 1/4")
19	853-0001	1	*Washer, Lock - External Tooth
20	860-0003	1	*Nut, Hex (#4-40)
21	812-0063	2	*†Screw, Machine, Round Head (#6-32 x 1/2")
22	870-0183	2	*†Nut, Hex with External Tooth Lockwasher (#6-32)
23	332-1647	1	*†Terminal Strip (TB21)
24	301-3713	1	*†Panel, Mounting
25	HARNESS, WIRING—		Voltage Regulator to Exciter Stator
	338-0744	1	Sets Without Overspeed Switch
	338-0917	1	Sets With Overspeed Switch
26	332-0942	8	*†Tie, Cable

* - Parts Included in 305-0589 Voltage Regulator Without Adjustment.

† - Parts Included in 305-0590 Voltage Regulator With Adjustment.

VOLTAGE REGULATOR — BEGIN SPEC AC



XSC-1342

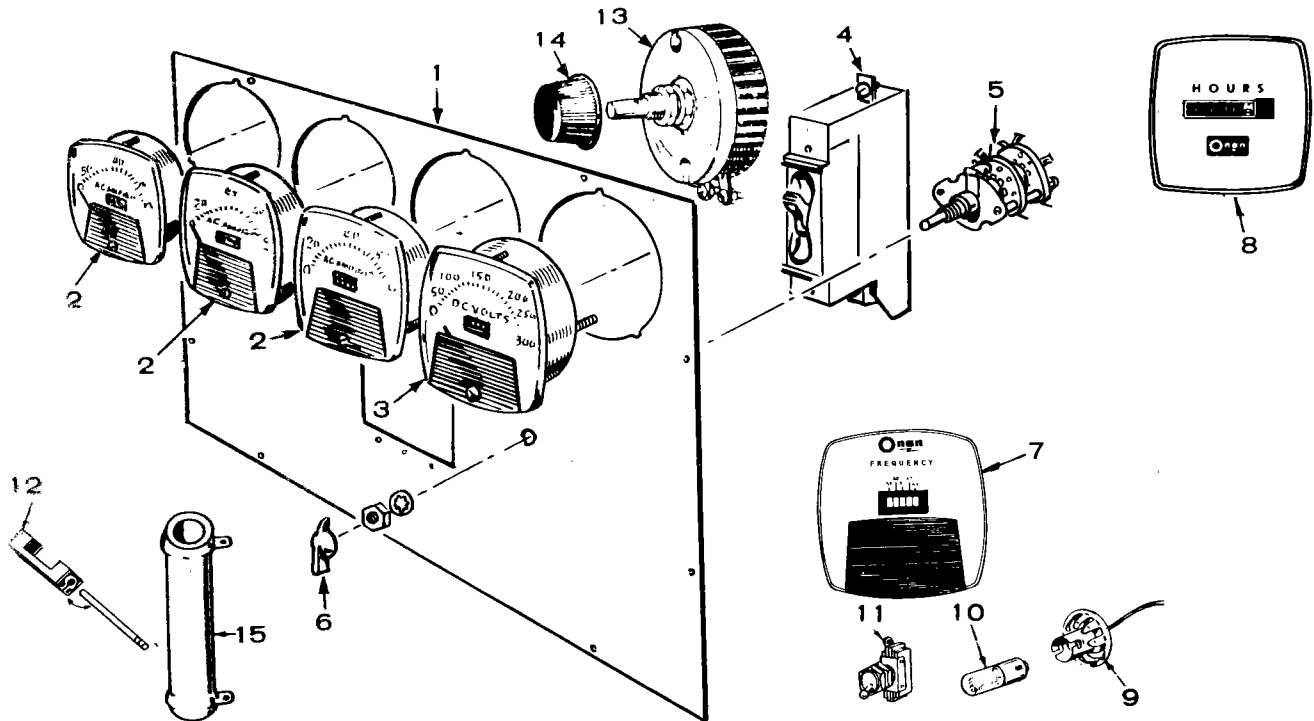
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
REGULATOR ASSEMBLY, VOLTAGE			
	305-0689	1	Without Voltage Adjustment (Includes Parts Marked *)
	305-0690	1	With Voltage Adjustment (Includes Parts Marked #)
1	305-0688	1	*Regulator, Voltage
2	812-0071	4	*Screw, Machine - Round Head (#6-32 x 1-1/2")
3	JUMPER, TERMINAL		
	332-2605	2	Without Voltage Adjustment
	332-2605	1	# 50 Hertz
	332-2605	1	With Voltage Adjustment
	332-2605	1	# 50 Hertz
4	320-1121	1	*Breaker, Circuit
5	812-0070	4	*Screw, Machine - Round Head (#6-32 x 1-1/4")
6	870-0183	10	*Nut, Hex - ET (#6-32)
7	315-0391	1	*Reactor
8	315-0386	1	*Transformer, Voltage
9	517-0045	1	*Plug, Dot Button
10	812-0027	1	*Screw, Machine - Round Head (#4-40 x 1/4")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	853-0001	1	*Washer, Lock - ET (#4)
12	860-0003	1	*Nut, Hex (#4-40)
13	812-0063	2	*Screw, Machine - Round Head (#6-32 x 1/2")
14	TERMINAL, TAB		
	332-2617	2	*Without Voltage Adjustment
	332-2617	4	#With Voltage Adjustment
15	332-1647	1	*Block, Terminal
16	301-3713	1	*Panel, Mounting
17	HARNESS, WIRING - Voltage Regulator to Exciter Stator		
	338-0744	1	Sets Without Overspeed Switch
	338-0917	1	Sets With Overspeed Switch
18	332-0942	10	*Tie, Cable
19	303-0103	1	Rheostat
20	303-0194	1	*Knob

* - Parts Included in 305-0689 Voltage Regulator Assembly Without Adjustment

- Parts Included in 305-0690 Voltage Regulator Assembly With Adjustment

AC METER PANEL - OPTIONAL

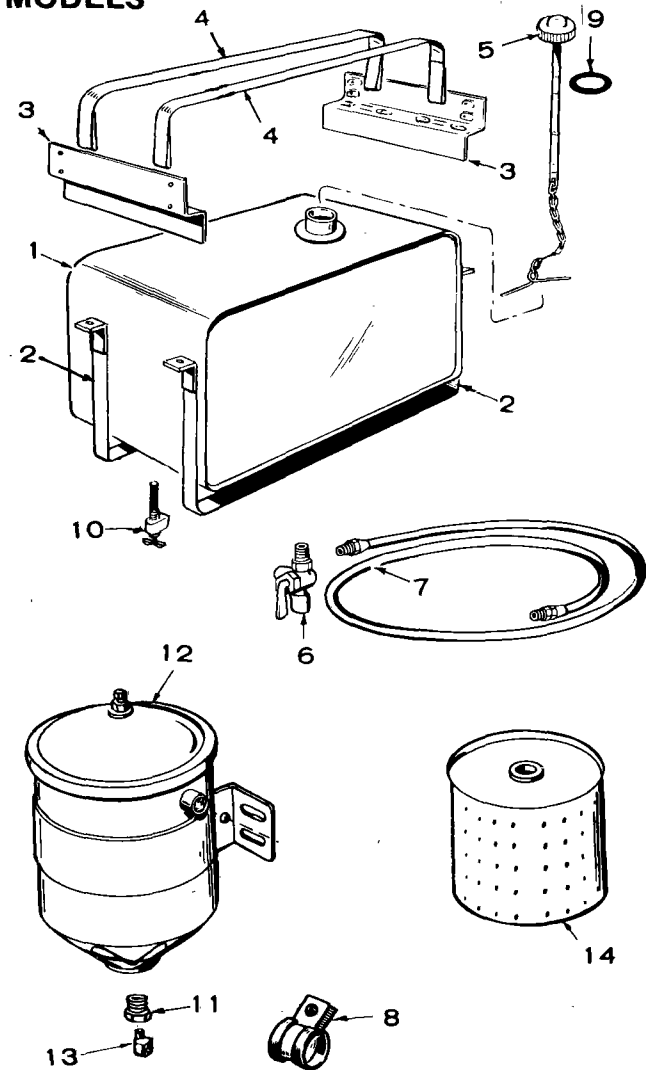


AC METER PANEL - OPTIONAL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	PANEL, METER - Begin Spec AA (Spec A through Z Supply Complete Model, Specification Number and Serial Number)			4	BREAKER, CIRCUIT (Check Existing Breaker - Select Accordingly)		
			120 Volt				25 Amp., 240 Volt (Single Pole)
301-1641	1		Sets With Frequency Meter and Running Time Meter	320-0019			35 Amp., 240 Volt (Single Pole)
			240 Volt	320-0020			40 Amp., 240 Volt (Single Pole)
301-1641	1		Sets With Frequency Meter and Running Time Meter	320-0153	As		45 Amp., 240 Volt (Single Pole)
			120/208 Volt	320-0198	Req.		50 Amp., 240 Volt (Single Pole)
301-2088	1		Sets Without Frequency Meter and Running Time Meter	320-0052			55 Amp., 240 Volt (Single Pole)
301-2204	1		Sets With Frequency Meter and Running Time Meter	320-0195			60 Amp., 240 Volt (Single Pole)
			120/240 Volt	320-0021			65 Amp., 240 Volt (Single Pole)
			Single Phase Sets	320-0366			70 Amp., 240 Volt (Single Pole)
301-1554	1		Sets without Frequency Meter and Running Time Meter	320-0148			75 Amp., 240 Volt (Single Pole)
301-2288	1		Sets With Frequency Meter and Running Time Meter	320-0367			15 Amp., 480 Volt (3 Pole Companion)
301-2346	1		Sets With Frequency Meter, Running Time Meter and Panel Mounted Receptacle	320-0492			20 Amp., 480 Volt (3 Pole Companion)
			Three Phase Sets	320-0486			25 Amp., 480 Volt (3 Pole Companion)
301-2204	1		Sets With Frequency Meter and Running Time Meter	320-0487			30 Amp., 480 Volt (3 Pole Companion)
			220/380 Volt	320-0488			15 Amp., 600 Volt (3 Pole Companion)
301-2308	1		Sets With Frequency Meter and Running Time Meter	320-0514			20 Amp., 600 Volt (3 Pole Companion)
			240/416 Volt	320-0459			40 Amp., 600 Volt (3 Pole Companion)
301-2308	1		Sets With Frequency Meter and Running Time Meter	320-0415			Switch, Selector - Voltmeter, 3 Phase Sets
			277/480 Volt	5	308-0012	1	Knob, Selector Switch - 3 Phase Sets
301-2308	1		Sets With Frequency Meter and Running Time Meter	7	METER, FREQUENCY (Check Meter Face for Part Number)		
				302-0213	1		100-150 Volt, 60 Hertz
				302-0221	1		200-250 Volt, 60 Hertz
				302-0716	1		480 Volt, 60 Hertz
				302-0717	1		600 Volt, 60 Hertz
				302-0234	1		100-150 Volt, 50 Hertz
				302-0256	1		200-250 Volt, 50 Hertz
				302-0825	1		480 Volt, 50 Hertz
				302-0788	1		600 Volt, 50 Hertz
2	AMMETER, AC (Check Scale - Select Accordingly)			8	METER, RUNNING TIME (Check Meter Face for Part Number)		
302-0460	As Req.		Scale Reads 0-20				120 Volt, 60 Hertz
302-0418	As Req.		Scale Reads 0-30	302-0465	1		240 Volt, 60 Hertz
302-0444	As Req.		Scale Reads 0-35	302-0466	1		480 Volt, 60 Hertz
302-0419	As Req.		Scale Reads 0-50	302-0467	1		120 Volt, 50 Hertz
302-0458	As Req.		Scale Reads 0-80	302-0468	1		Receptacle, Panel Lights
302-0410	As Req.		Scale Reads 0-150	322-0072	2		Bulb, Panel Light
302-0411	As Req.		Scale Reads 0-200	10	322-0004	2	Switch, Panel Light
3	VOLTMETER, AC (Check Scale - Select Accordingly)			11	308-0002	1	BAR, CIRCUIT BREAKER TIE
302-0420	1		Scale Reads 0-150				320-0187 1 Used with 3 Circuit Breakers
302-0421	1		Scale Reads 0-300				320-0202 1 Used with 2 Circuit Breakers
302-0422	1		Scale Reads 0-600	13	303-0197	1	Rheostat (2500-Ohm, 25 Watt) - Units with Voltage Adjustment - Begin Spec AA
302-0423	1		Scale Reads 0-750				14 303-0032 1 Knob, Rheostat - Units with Voltage Adjustment - Begin Spec AA
				15	RESISTOR, SERIES DROPPING (Fixed)		
				304-0536	1		Running Time Meter (9000-Ohm, 50-Watt) - 600 Volt Sets
				304-0402	1		Frequency Meter (60,000-Ohm, 10-Watt) - 600 Volt Sets (Spec A through Z)

OPTIONAL MOUNTED FUEL TANK HOUSED MODELS

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	159-0802	1	Tank, Fuel (9 Gallon)
2	159-0786	2	Strap, Mounting (Bottom)
3	159-0789	2	Bracket, Tank Support
4	159-0787	2	Strap, Hold-down (Top)
5	159-0512	1	Cap & Indicator Assembly
6	504-0007	1	Valve, Shut-off
7	LINE, FUEL (Flexible)		
	501-0007	2	24" - Tank to Filter and Filter to Fuel Pump
	501-0066	1	31" - Injection Pump Fuel Return
8	332-0050	2	Clip, Tinnerman
9	159-0751	1	Gasket, Gas Cap
10	504-0013	1	Valve, Shut-Off (Tank Outlet) Screened
11	505-0007	2	Bushing (Filter)
12	149-1078	1	Filter, Fuel
13	502-0020	1	Elbow, Street - Filter Outlet
14	149-0846	1	Cartridge, For 149-1078 Filter



SERVICE KITS AND MISCELLANEOUS

NOTE: For other kits, refer to the group for the part in question.

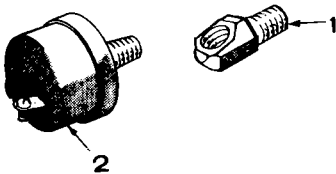
PART NO.	QTY. USED	PART DESCRIPTION
98-1100	1	Decal Kit
168-0086	1	Gasket Kit, Set
OVERHAUL KIT, SET		
522-0201	1	Spec A through R
522-0247	1	Begin Spec S
PAINT, TOUCH-UP ENAMEL (Pressurized Can)		
525-0137	1	Metallic Green (16 oz.)
525-0305	1	Non-Metallic Green (13 oz.)

SPECIAL PARTS SECTION CONTRACTORS MODELS

**FOR 6.0DJB-3CE/ & 6.0DJB-4E/
(FORMERLY 6DJB-3E2236/ & 6DJB-4E2236/)**

Parts not listed in this section, refer to the standard parts groups.
Exception: Overhaul Kits do not apply.

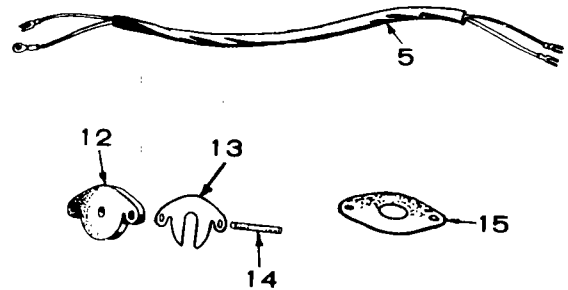
OIL SYSTEM



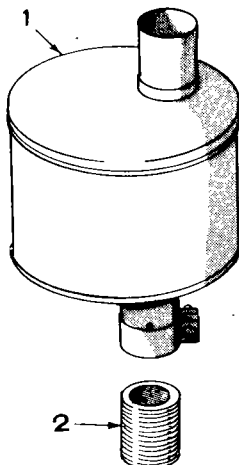
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	502-0053	1	Elbow, Street (45°) - Oil Pressure Switch Mounting
2	309-0169	1	Switch, Low Oil Pressure Cut-Off

AUTOMOTIVE STARTER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
5	338-0306	1	Harness, Starter to Control
5	338-0408	1	Harness, Start Disconnect to Control - Begin Spec P
12	191-0506	1	Seal, Dirt (Starter)
13	191-0505	1	Cover Plate, Dirt Seal
14	520-0662	2	Stud, Starter Mounting
15	150-0963	1	Gasket, Stop Solenoid Mounting - Spec H and Begin Spec Q

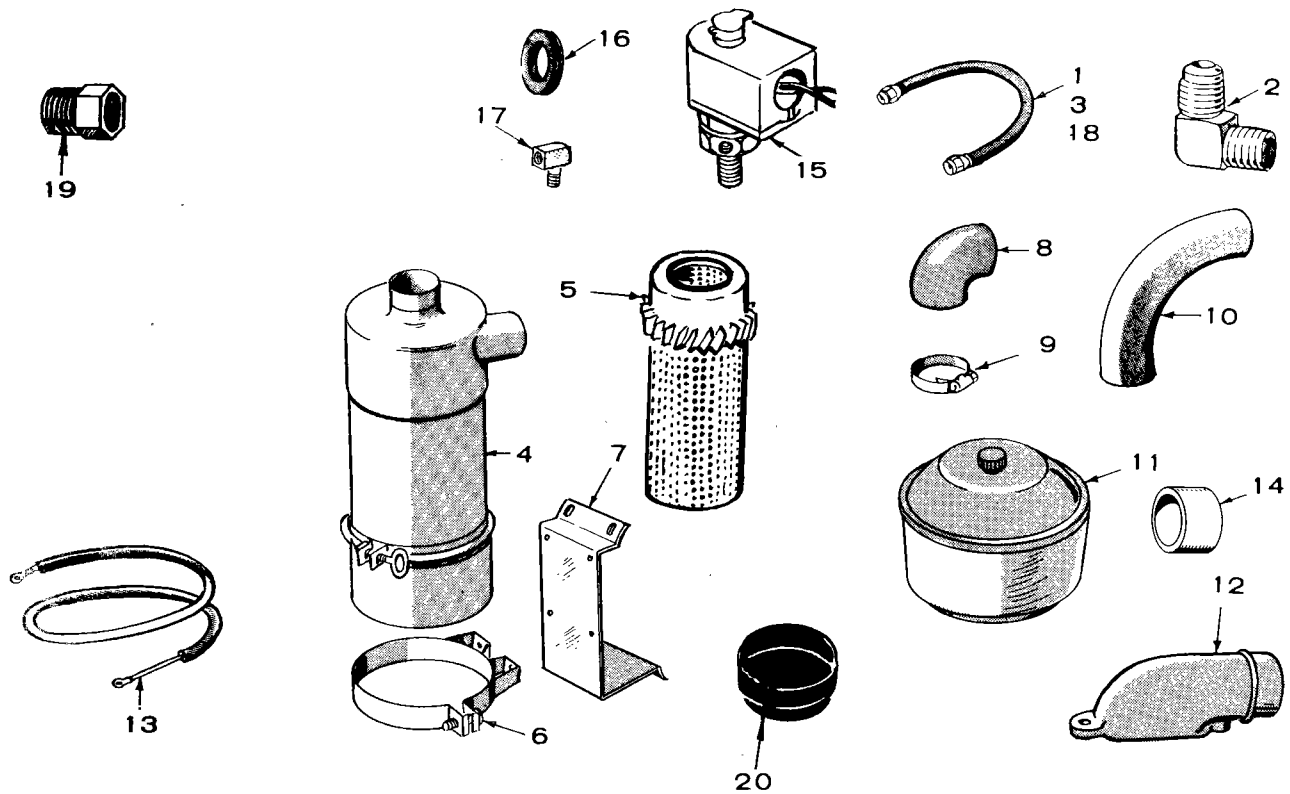


MANIFOLD AND EXHAUST



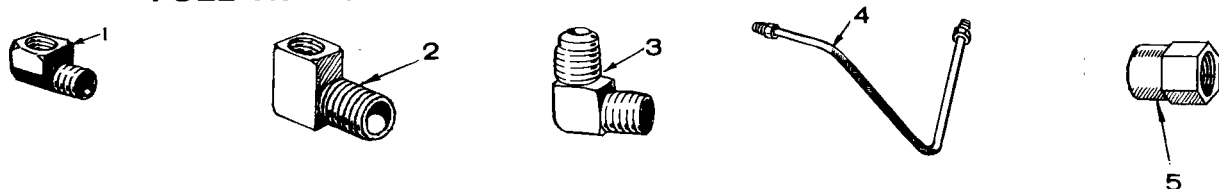
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	155-0824	1	Muffler, Exhaust
2	505-0177	1	Nipple, Pipe (1-1/4 x Close) - Exhaust

AIR CLEANER AND FUEL FILTERS



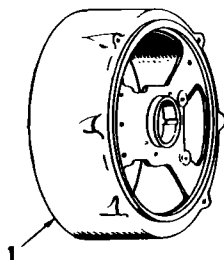
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	501-0098	1	Line, Fuel Pump to Secondary Filter	9	503-0274	4	Clamp, Hose - Air Cleaner
2	ELBOW, MALE			10	140-0741	1	Tube, Air Induction
	502-0148	1	Secondary Filter Inlet - Spec A through N	11	140-0723	1	Pre-Cleaner, Air Cleaner (Plastic)
	502-0148	2	Secondary Filter Inlet and Outlet - Begin Spec P	12	140-0645	1	Adapter, Air Cleaner Hose
	502-0041	1	Secondary Filter Outlet - Spec A through N	13	336-1418	1	Lead, Air Heater to Control
	502-0138	1	Fuel Pump Outlet	14	503-0330	1	Hose, Air Cleaner Connector
3	LINE, SECONDARY FILTER TO INJECTION PUMP			15	307-0973	1	Solenoid Replacement Kit, Fuel Shutoff - Spec P Only
	501-0098	1	Spec A through N	16	508-0071	1	Grommet, Fuel Solenoid - Spec P Only
	501-0097	1	Begin Spec P	17	502-0058	1	Tee, Fuel Solenoid - Spec P Only
4	140-0721	1	Cleaner, Air (Includes Element)	18	501-0002	2	Line, Flexible - Injection Pump - Spec P Only
5	140-0765	1	Element Only, Air Cleaner	19	502-0003	1	Connector, Inverted Male - Solenoid Tee - Spec P Only
6	140-0722	2	Band, Air Cleaner Mounting	20	140-1267	1	Baffle, Air Cleaner
7	140-1271	1	Bracket, Air Cleaner				
8	503-0419	1	Elbow, Air Cleaner (Rubber)				

FUEL TRANSFER PUMP AND INJECTION SYSTEM



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	502-0002	1	Elbow, Inverted Male - Fuel Pump Inlet	4	149-0950	1	Line, Injection Pump to Fuel Return Lines Tee (All Except Spec P)
2	502-0020	1	Elbow, Street - Fuel Pump Outlet	5	502-0017	1	Connector, Inverted Female - Return Line - Spec P Only
3	502-0148	1	Elbow, Male - Injection Pump Inlet				

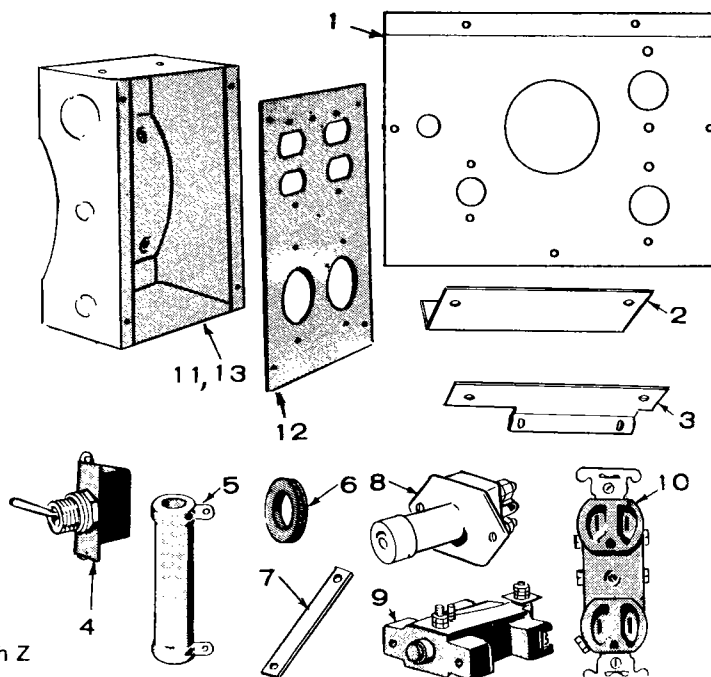
GENERATOR — ALTERNATOR PORTION



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	211-0146	1	Bell, End - Alternator to Exciter
2	520-0637	4	Stud, Generator Through

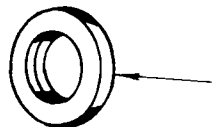
CONTROL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	301-2297	1	Panel, Control Box
2	301-2208	1	Bracket, Control Box Mounting (R.H.)
3	301-1980	1	Bracket, Control Box Mounting (L.H.)
4	SWITCH, STOP-RUN		
	308-0002	1	Spec A through N
	308-0069	1	Begin Spec P
5	304-0217	1	Resistor, Fixed (1-Ohm, 10 Watt) 5/16 x 1-3/4"
6	508-0009	1	Grommet, Rubber (For 1-5/16" Hole)
7	332-0602	1	Jumper, Heater Switch to Start Switch
8	308-0028	2	Switch, (1) Start (1) Heater
9	320-0104	1	Relay, Emergency - Low Oil Pressure Cut-off Circuit
10	323-0184	2	Receptacle, Duplex (120/240 Volt, 1 Phase, 4 Wire) - Reconnectable Model
	323-0091	2	Receptacle, Single (120/240 Volt, 1 Phase, 3 Wire Model)
11	301-1978	1	Box, Receptacle - Spec A through Z
12	301-1170	1	Cover, Receptacle Box
13	301-3682	1	Box, Output - Begin Spec AA



CRANKCASE AND OIL BASE

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	509-0112	1	Seal, Crankshaft Rear



GEAR COVER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	103-0454	1	Gearcase (Not Illustrated)
1	509-0111	1	Seal, Oil - Gear Cover

